STATE ROUTE SYSTEM

COUNTY OF KAUAI

ISLAND OF KAUAI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION,
FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2007

N

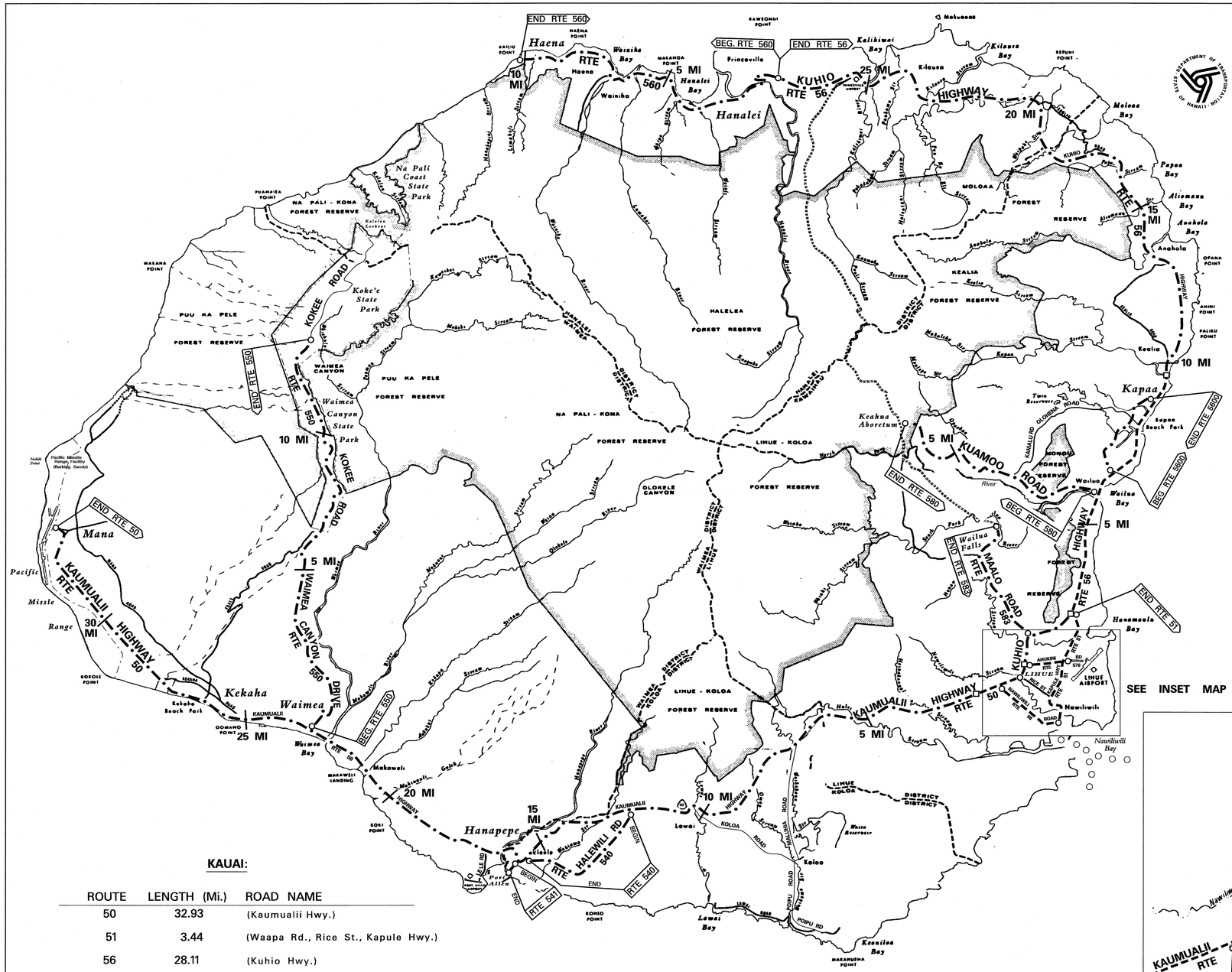
SCALE

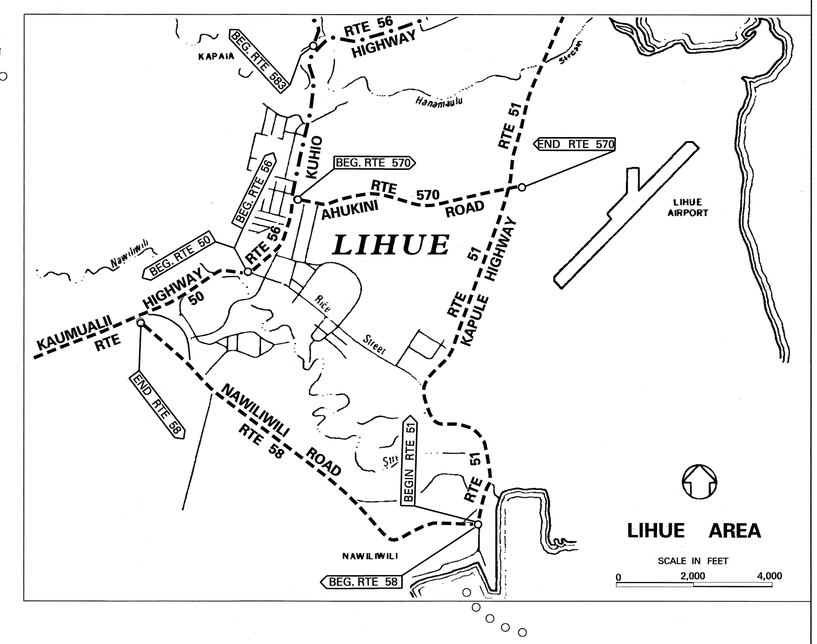
1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

LEGEND

- STATE (NHS)
- STATE (Non–NHS)
- WATER (NHS)
- o Route termini point
- □ NHS to non–NHS transition point





KAUAI:

ROUTE	LENGTH (Mi.)	ROAD NAME
50	32.93	(Kaumualii Hwy.)
51	3.44	(Waapa Rd., Rice St., Kapule Hwy.)
56	28.11	(Kuhio Hwy.)
58	2.06	(Nawiliwili Rd.)
540	3.87	(Halewili Rd.)
541	0.37	(Waialo Rd.)
550	14.10	(Waimea Canyon Drive, Kokee Rd.)
560	10.01	(Kuhio Hwy.)
570	1.12	(Ahukini Rd.)
580	6.68	(Kuamoo Rd.)
583	3.92	(Maalo Rd.)
5600	3.08	(Kapaa Bypass Rd.)
TOTAL =	109.69	

Date Released	
Dec 2002,	JK
Revised	
Apr. 04	D.B.
May 06	D.B.
Jan. 07	D.B.

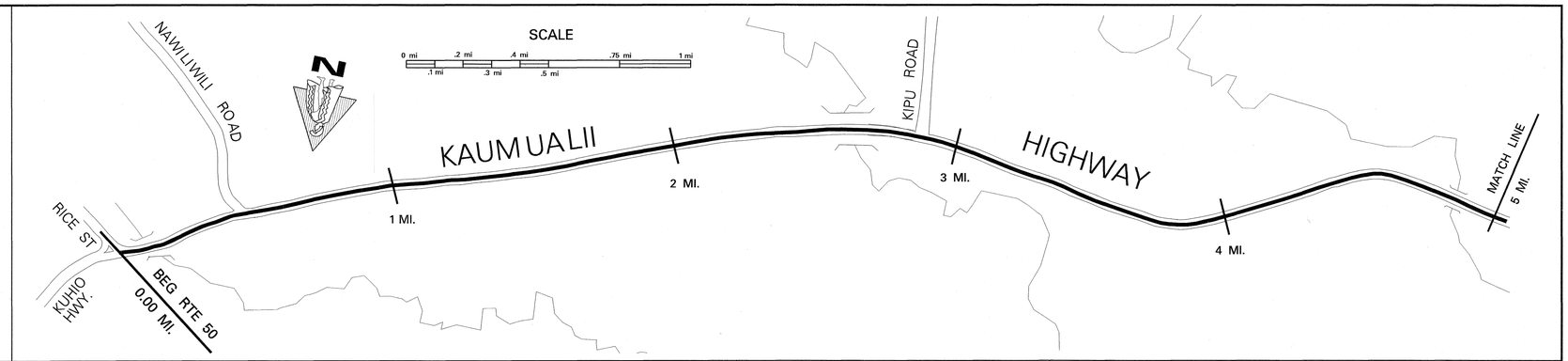
ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

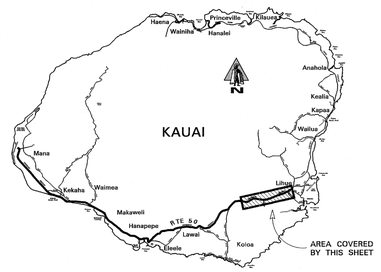
END 50E – SAME AS BEGIN RTE 50. | 50E (1.74 MI.) | BEG. 50E – END 50D ON KAUMUALII AT THE CENTERLINE INTER. w/ PUHI RD. | 50D (8.63 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
Structure and Inlet — Vertical Clearance
Horizontal Clearance

Conc. Flume 1918 | RC FLAT SLAB ON I STRG. (STR), 1936 | RC TWIN BOX CULVERT (STR) 1950, H20 | PRESTRESSED CONC. GIRDER HS-20-44, 1990

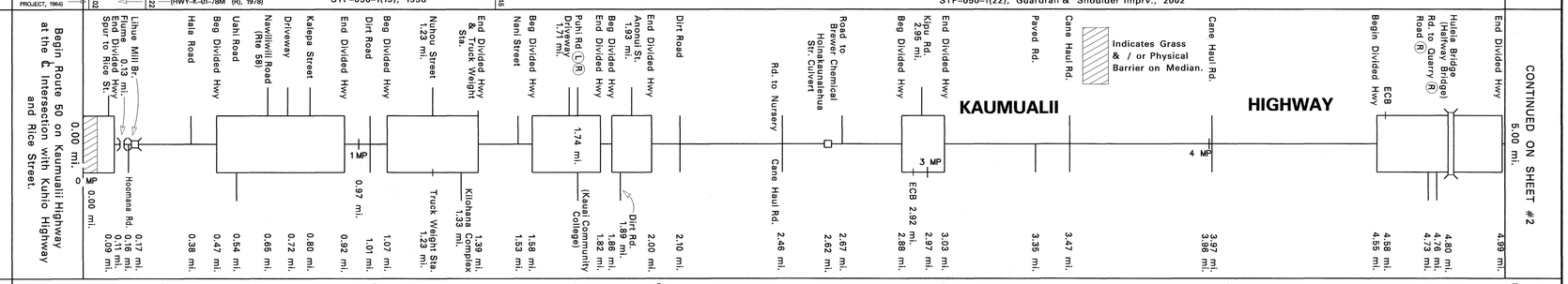
Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed

Residential + Commercial | Trees + Bushes | Sugar Cane | Residential | Sugar Cane | Trees
W/W 30'FEP
NONE
STATE
(50E-01-98 Realignment 2001) | 50DE-01-05M (R) 2006
(LIHUE PLANTATION PROJECT, 1964) | (HWY-K-01-78M (R), 1978) | STP-050-1(19), 1998 | STP-050-1(22), Guardrail & Shoulder Imprv., 2002



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided: Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type

Median: Width and Type — (4'–16' Raised Grass/Shurbs) | (0–12' Painted AC) | 0'–12' Painted AC | 0'–10' Painted AC | 0'–20' Painted AC | 0'–10' Painted AC | 0'–12' Painted AC

Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Speed: 1–Design, 2–Posted
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Station
HPMS Section
AADT (Year 2006)

Urban | Rural
Rolling | Flat | Rolling | Flat | Rolling
25 MPH ② | 35 MPH ② | 40 MPH ② | 50 MPH ②
3 Phase | 3 Phase | 3 Phase | 3 Phase
B73 0050 00000 | B73 0050 00065 | B73 0050 00174 | B73 0050 00295 | (B73 0050 00494)
28,876 | 27,209 | 27,209 | 25,056 | (24,100)

DOD Sections
Census Tracts
Functional Classification — Principal Arterial (14) | Principal Arterial (2)
National Highway System (NHS) — NHS | None
Previous Projects: Project No., Date and Limits

STP-050-1(16), 1998
HWY-K-03-96, 1997 Inter. Imprv.
STP-050-1(15) (R), 1996
(HWY-K-03-96, 1977)
(BR-F-050-1(7), 1990 (BRDG & APPROH)
(HWY-K-03-82, 1983 (GUARDRAIL & SHOULDER IMPRV.))
STP-050-1(15) (R) 1996
(50E-01-92M (R), 1993)
50 DE-01-86M (R), 1986
50D-01-87M (R), 1987
HWY-K-01-76M (R) 1976
50 DE-01-86M, 1986
LT-K-02-79, 1980
(Lihue Plantation Project, 1964)
HWY-K-01-78M (R)
D-50-01-63, 1965
F12 (17), 1951
D-50-01-65, 1965
(50-D-03-69 1971)
F-24(2) 1950
FAP 12 F, 1937
FAP 12-G, 1935
FAP 12 I, 1937

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept. 06	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

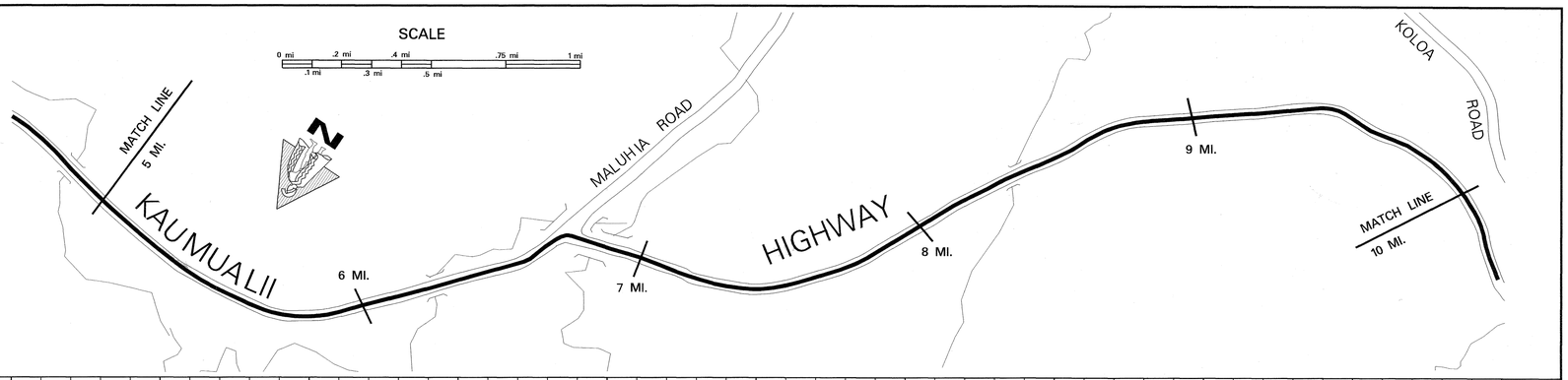
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 50D (8.63 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 5.22–6.22: RC FLAT SLAB, H-15 (STR) 1937, 39'
- 6.80–8.27: RC FLAT SLAB, H-15 (STR) 1934, 22'
- 8.27–10: CONT. CONC. TEE, H-15 (STR) 1934, 140'

Vertical Clearance
- 6.22: 24'
- 8.27: 24'

Horizontal Clearance
- 6.22: 24'
- 6.80: 24'
- 8.27: 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' (5.45) 100' (5.76) 60' (6.38) 65' (6.68) 60' (7.54) (100') 7.66 60' (7.83) (100') 7.87 60' (8.18) (200') 8.22 80' (8.52) 60' (8.68) (80') 8.87 100' (9.00) 60' (9.14) 90' (9.42) 100' (9.87) (130') 9.89 70' (9.75) (60') 9.77 80' (9.95) (100') 9.95 (120')

Available Right of Way Width (Needs Study): Trees (5.33) Sugar Cane (7.66) Bushes & Trees

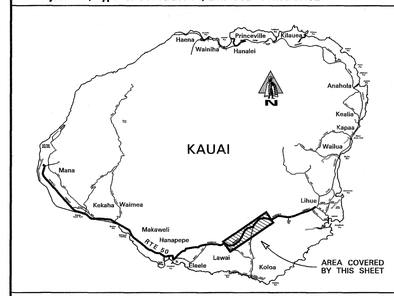
Right of Way Fence: Type – Right and Left: NONE

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

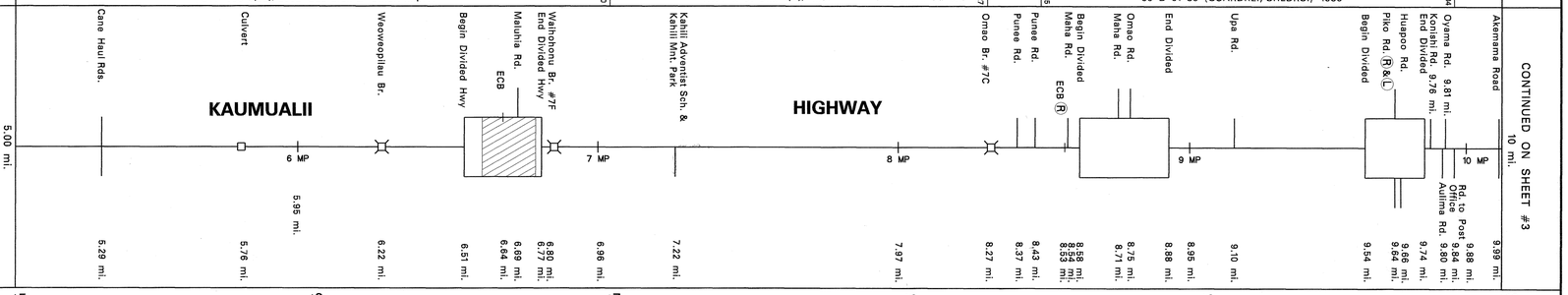
Project No., Type of Construction, and Year Constructed
- (5.42–5.56) (STP-050-1(24), GUARDRAIL/SHOULDER IMPRV., 2005)
- (7.17–8.54) 50D-01-00M, Resurf., 2002

Project No., Type of Construction, and Year Constructed
- (7.00–8.27) STP-050-1(22), 2002 Guardrail & Shldr. Imprv.
- (8.27–8.45) HWY-K-01-91M (R), 1991
- (8.45–9.94) 50 D-01-86 (GUARDRL., SHLDRS.) 1986
- (50CD-01-87M (R), 1987)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 5.01–5.42: 8' AC
- 5.42–7.85: 4' AC
- 7.85–8.25: 6' AC
- 8.25–8.71: 3' AC
- 8.71–10: 4' AC

Pavement: Width and Type
- (24' AC) 5.01–5.36: 36' AC
- 5.36–7.97: 24' AC
- 7.97–8.18: 36' AC
- 8.18–8.87: 24' AC
- (12' AC) 8.87–8.95: 24' AC
- (12' AC) 8.95–9.54: 24' AC
- 9.54–9.74: 12' AC
- 9.74–10: 24' AC

Shoulder: Width and Type
- (4' AC) 5.01–5.36: 8' AC
- 5.36–5.39: 18' AC
- 5.39–7.97: 4' AC
- 7.97–8.57: 4' AC
- (6' AC) 8.57–8.95: 0
- 8.95–9.54: 8' AC
- 9.54–9.74: 4' AC
- 9.74–10: 0
- 9.74–10: 4' AC

Divided

Median: Width and Type
- (0'–8' Painted AC) 5.01–6.57: 4'–12' Flush Grass
- 6.57–6.77: (4'–0' Painted AC)
- 6.77–8.88: 0'–12' Painted AC
- 8.88–9.54: 0'–11' Painted AC

Shoulder: Width and Type
- 5.01–6.57: 0
- 6.57–8.88: 0
- 8.88–9.54: 0

Pavement: Width and Type
- 5.01–6.57: 12' AC
- 6.57–8.88: 12' AC
- 8.88–9.54: 12' AC

Shoulder: Width and Type
- 5.01–6.57: 4' AC
- (6' AC) 6.57–8.88: 8' AC
- 8.88–9.54: 4' AC

Number of Traffic Lanes
- (2–12') 5.01–5.39: 1–12', 2–12', 1–24'
- 5.39–7.97: 2–12'
- 7.97–8.18: 2–12', 1–12'
- 8.18–8.61: 2–12'
- 8.61–9.87: 2–12', 1–12'
- 9.87–10: 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- 5.44–6.09: 12' Accel Lane
- 6.09–6.46: (12' Turn Lane)
- 7.85–8.23: 12' Truck Climb Lane (L)
- 8.85–9.71: 12' Truck Climb Lane (L)
- 8.85–8.95: 1–12' (L) T.L.
- 8.95–9.71: 1–10' (L) T.L.

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left): None

Sidewalk: Width and Type (Right and Left): None

Curb and/or Gutter: Type (Right and Left)
- 6' Conc. Gutter
- 6.07–6.22: 6' Conc. Gutter
- 4' AC Gutter

Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS
- (Metal w/ Metal) 5.07–5.37
- 5.56–5.75
- 5.79–6.19
- 6.25–6.42
- 6.58–6.70
- 6.84–6.95
- 7.00–7.09
- 7.14–7.85
- Metal w/ Metal 7.53–8.04
- Metal w/ Metal 8.25–8.44
- Metal w/ Metal 8.62–9.31
- Metal w/ Metal 9.61–9.85
- Metal w/ Metal 9.85–9.93

Illumination: Type, Location and Number
- 8.44–8.55: M.V.
- 9.85–9.93: M.V.

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Rolling 5.01–7.97
- Mountainous 7.97–10

Speed: 1–Design, 2–Posted
- 50 MPH ② 5.01–9.47
- 35 MPH ② 9.47–10

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station
- B73 0050 00494 (5.40)
- B73 0050 00546 (6.60)
- B73 0050 00669 (7.00)
- B73 0050 00875 (8.88)
- B73 0050 00964

HPMS Station

AADT (Year 2006)
- 24,100 (5.48)
- 25,629 (6.69)
- 16,139 (8.75)
- 15,969 (9.64)
- 14,889

DOD Sections

Census Tracts

Functional Classification
- Principal Arterial (2) 5.01–6.69
- Minor Arterial (6) 6.69–10

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits

Previous Projects: Project No., Date and Limits
- STP-050-1(19), 1998 (5.42–5.44)
- 50D-01-99M (R), 2000 (5.44–6.81)
- HWY-K-01-91M (R), 1991 (6.81–8.27)
- (BR-F-050-1(7) (BRIDGE & APPROACH), 1990) (5.42–6.39)
- (50D-01-98, Accel. Ln., 2000) (6.39–6.70)
- HWY-K-03-82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983 (6.70–8.31)
- (LT-K-02-79, 1980) (5.01–5.41)
- 50 D-02-88M (R), 1988 (5.41–6.81)
- (50 CD-01-75M, 1975) (8.30–8.55)
- STP-050-1(11), R, 1993 (8.55–10)
- HWY-K-01-76M (R), 1976 (6.53–6.57)
- 50 CD-01-75M, 1975 (6.57–7.86)
- 50D-02-76, R, 1976 (8.54–8.95)
- 50-D-03-69, 1971 (5.36)
- D-50-01-64, 1964 (5.88)
- K-01-72, 1972 (6.39)
- WHP-12H, 1935–1937 (6.65)
- 50D-01-67, 1968 (7.86–8.27)
- (FAP 12 I, (1937)) (5.06 (269 + 00))
- (6.53 (263 + 03)) (90 + 00)
- NRH-12B, 1933 (6.53–7.82)
- 50 CD-01-70, 1974 (7.82–8.29)
- NRH-12B, 1933 (8.29–8.56)
- 50D-01-90M, 1990 (8.56–8.92)
- 50CD-01-75M, 1975 (8.95–10)
- (50D-01-67, 1968) (179 + 70)
- 102 + 92, 164 + 08, 124 + 55

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

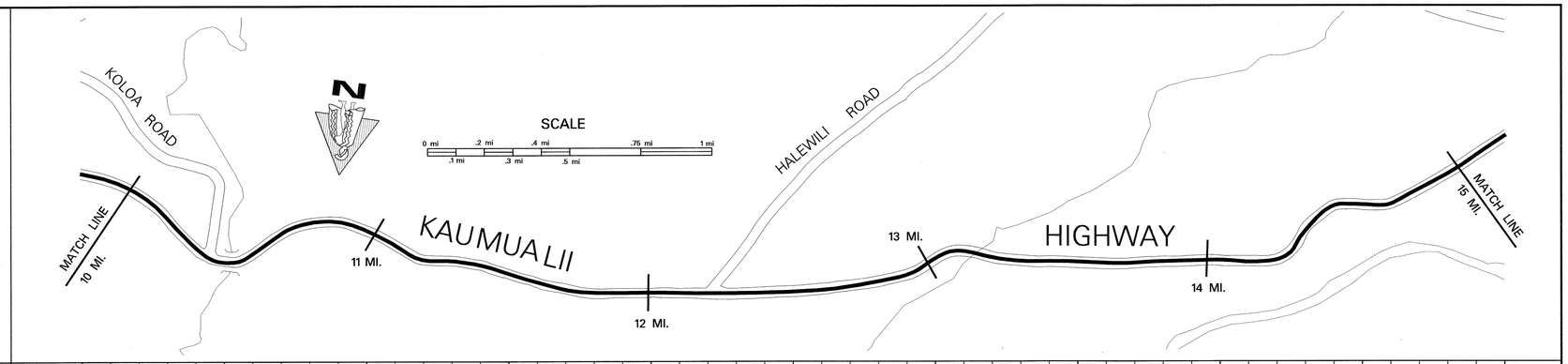
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

50D (8.63MI.) — BEG. 50 D & END 50 C ON KAUMUALII HWY. 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD. — 50 C (6.65MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRESTRESSED CONC. GIRDER 2003, HS–20–44 *BRIDGE WIDENING (112'); CONT. CONC. FRAME 1936 (STR) ESH15 (180')

Structure Carrying Road — Vertical Clearance: 60'; 24'

Structure Carrying Road — Horizontal Clearance

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.–max.) if varies: 120' 110' 80' 100' 80' 90' 120' 210' (150') (110') 80' (100') (90') (110') 120' (170') 70' 60' 100' 60' 90' 100' 135' 100' 60' 70' 80' 60'

Available Right of Way Width (Needs Study): Bushes & Trees; Clear 1000' Sugar Cane

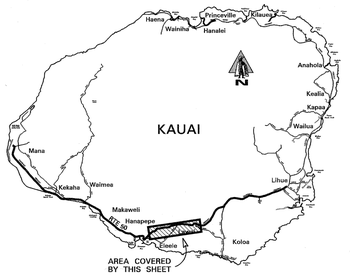
Right of Way Fence: Type – Right and Left: (Chain Link); W/W

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: STP–050–1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005

Project No., Type of Construction, and Year Constructed: 50CD–02–00M RESURF 2002; STP–050–1(11) (R), 1993; STP–050–1(17) WIDENING 2003; 50C–01–01M 2004 RESURFACE; 50C–01–00M (R), 2000; 50C–02–01M (R) 2004



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2

10 mi. — ECB (R) Begin Divided; 98+80; Kua Rd.; Waiwai Br. Koloa Rd. (Old Rte 530); End Divided; Kuli Rd.; Lauoho Rd.; Hokua Rd.; 11.74 mi.; Opu. Rd. Puuwai Rd.; Papalina Rd.; End Divided; Begin Divided; 12.27 mi.; ECB; Halewili Rd. (Rte 540); Road to Olu Pua Gardens; End Divided; Begin Divided; Wahiawa Br. Road; 89+00; Hanapepe Valley Lookout; ECB (R); Road to Water Tank; Road to Water Tank; Begin Divided; Laulea St.; 15 mi.

KAUMUALII — 11 MP; 12 MP; HIGHWAY — 13 MP; 14 MP; 15 MP

10.24 mi. 10.27 mi. 10.39 mi. 10.42 mi. 10.45 mi. 10.57 mi. 10.84 mi. 10.96 mi. 11.44 mi. 11.67 mi. 11.70 mi. 11.75 mi. 11.80 mi. 11.96 mi. 12.11 mi. 12.38 mi. 12.40 mi. 12.96 mi. 13.08 mi. 13.18 mi. 13.95 mi. 14.10 mi. 14.24 mi. 14.30 mi. 14.69 mi. 14.82 mi. 14.92 mi. 14.96 mi.

CONTINUED ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC; 6' AC; 4' AC; 6' AC

Pavement: Width and Type: (24' AC); 36' AC; 24' AC; 12' AC; 24' AC; 12' AC; 22' AC; 24' AC; 12' AC; (24' AC); (40' AC); 38' AC; 20' AC; 24' AC; 12' AC

Shoulder: Width and Type: 4' AC; 0; 4' AC; 7' AC; 0; 4'–6' AC; 0; 6' AC; 0

Divided Highway — Median: Width and Type: 0–6' Painted AC; 0'–10.5' Painted AC; 0'–12' Painted AC; 0'–12' Painted AC

Shoulder: Width and Type: 0; 0; 0; 0

Pavement: Width and Type: 12' AC; 11' AC; 12' AC; 12' AC

Shoulder: Width and Type: 4' AC; 4'–5' AC; (4' AC); 4'–8' AC; (4'–6' AC); 6' AC; 6' AC

Number of Traffic Lanes: (2–12'); 2–12'; 2–12'; 2–10'; 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Truck Climbing Lanes (L); 10.5' (L) T.Ls.; 1–12' (R) T.L.; 1–12' (L) T.L.; 14' Truck (L) Climbing Lane; (1–11' Accel lane)

(Right Side): (All TLs 12')

Frontage Road: No. of Lanes, and Width (Right and Left): None

Sidewalk: Width and Type (Right and Left): 3' Conc.

Curb and/or Gutter: Type (Right and Left): 3' AC Gutter; 6' AC Gutter; 3' AC Gut.; AC Gutter

Protective Devices: Type, Location and Number: Metal Rails on Metal Posts

Illumination: Type, Location and Number: M.V.; M.V.

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Mountainous; Rolling; Flat; Mountainous; Rolling

Speed: 1–Design, 2–Posted: 35 MPH ②; 25 MPH ②; 35 MPH ②; 50 MPH ②; 35 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC LIGHT, 4 PHASE

Traffic Station: B73 0050 00964; B73 0050 01039; B73 0050 01175; B73 0050 01227; B73 0050 01318

HPMS Section: 10.27; 10.61; 12.18; 12.37

AADT (Year 2006): 14,889; 21,181; 17,875; 15,245; 14,031

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits: STP–050–1(11) (R), 1993; STP–050–1(11), R, 1993; 50CD–01–87M (R), 1987; 50C–01–90M (R), 1991; HWY–K–01–91M, 1991; STP–050–1(9) (WIDENING), 1996; STP–050–1(9), 1995; HWY–K–01–91M (R), 1991; STP–050–1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995; 50C–01–87M (R), 1987; 50C–01–90M (R), 1991; 50C–01–87M (R), 1987; HWY–K–01–87 SECTION 1 (GARDRAIL & SHLD. IMPRV.), 1987; HWY–K–01–91M (R), 1991; HWY–K–01–77M (R), 1977; 50D–01–67, 1968; 50 CD–01–75M, 1975; 50D–01–67, 1968; 50–D–02–67, 1967; (HWY–K–01–77M(R), 1977); 50A–01–71, 1970; (50CD–01–75M, 1975); (50CD–01–70, 1974); NRH–128, 1933; NRH–12C, 1935; 50 CD–01–70, 1974; NRH–12D, 1935; FAP 12J, 1938

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

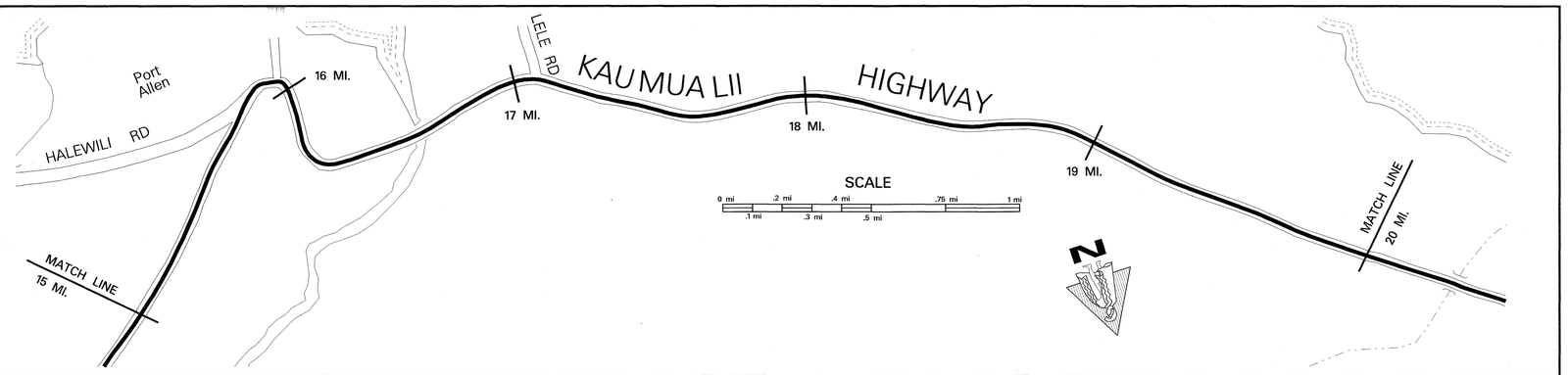
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

50 C (6.65) | END OF 50 B AND BEGIN 50 C ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH LELE RD. (17.02) | 50 B (7.46 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed

TEE BEAM 1939, H15 — 44' (16.24)
TEE BEAM 1938, H20 — 277' (16.37)

Vertical Clearance

Horizontal Clearance

38' — 24'

Structure Over Road — Vertical Clearance

RC FLAT SLAB ON STEEL (PED. O.P.), 1939 (15.98)
RC FLAT SLAB (PED. O.P.), 1948 — 15'-11" (18.74)
RC DECK GIRDER (RD.), 1948 — 15'-02" (18.50)

Horizontal Clearance

(90') (17.05) — 31' — 40'

Right of Way Width (min.–max.) if varies

60' (15.17) — 80' (15.87) — 90' (16.04) — 110' (16.33) — 80' (17.06) — 80' — 80' (18.69) — 114' (18.81) — 80' (19.46) — 140' (19.66) — 80' (19.86) — 100' (19.76) — 80' (19.86) — 120' (19.92) — 80'

Available Right of Way Width (Needs Study)

Clear 1000' Sugar Cane (15.26) — Commercial/Residential (w/ Sugar Cane) — Clear 1000' – Open Field (17.09) — Residential (18.42) — Sugar Cane (19.81)

Right of Way Fence: Type – Right and Left

Wood (15.50) — Wire on Wood (15.61)

Control of Access: 1–None, 2–Partial, 3–Full

NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

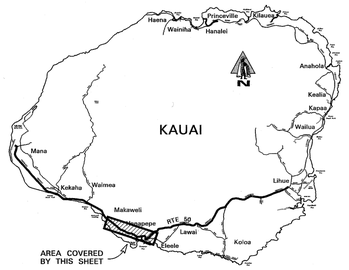
STATE

Project No., Type of Construction, and Year Constructed

STP-050-1(24), GUARDRAIL & SHLDR. IMPRV., 2005 — (245+00) (16.32) — (259+20) (16.56) — (272+00) (16.80) — (STP-050-1(14), 1998) — (16.95) (17.04) (17.05) — (HWY-K-02-98 (IMPRV.), 2000) — (HWY-K-02-98 (IMPRV.) 2000) — (18.44) (18.57) — (18.94) (19.14) — (HWY-K-02-98 (IMPRV.) 2000)

Project No., Type of Construction, and Year Constructed

50C-02-01M (R) 2004 — STP-050-1(10), 1993 — (HWY-K-01-07M, PAVE. MARK., 2007) — (STP-050-1(12), 1995) — STP-050-1(18), 1997



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #3 — 15 mi.

End Divided; Mahana Rd.; Mahea Rd. Begin Divided (Laulea St.); End Divided; Ulauia Rd.; Mahana Rd.; Halewili Rd. (Rte 540); Eleele Rd.; Begin Divided; Spur; Waldo Rd. (Rte 541); Eleele Rd.; Begin Divided; Road Pedestrian O.P.; Puna Rd.; Kilohana Pkn. Rd. U.P.; Hanapepe Rd.; Paved Road; Kona Rd.; Hana Rd.; Iona Rd.; Hanapepe Br.; Puolo Rd.; Begin Divided; Moi Rd.; Culvert; End Divided; Lele Rd.; Hanapepe Rd.; Begin Divided; End Divided; ECB (R); Cane Haul Rd.; KAUMUALII HIGHWAY; Cane Haul Rd.; Begin Divided; Kaumakani; Village Rd.; Kaumakani; End Divided; Kaumakani; School Rd.; Pedestrian O.P.; Begin Divided; Kaumakani Sch. Rd.; Paved Rd.; Makaweli Ave.; Paved Rd.; End Divided; Cane Haul Rd.; Road O.P.; ECB (R); CONTINUED ON SHEET #5 — 20 mi.

16 MP; 17 MP; 18 MP; 19 MP; 18.93 mi.; (243+00); (271+35)

15.07 mi. 15.27 mi. 15.38 mi. 15.46 mi. 15.56 mi. 15.63 mi. 15.69 mi. 15.76 mi. 15.83 mi. 15.92 mi. 15.93 mi. 16.00 mi. 16.09 mi. 16.21 mi. 16.28 mi. 16.38 mi. 16.40 mi. 16.44 mi. 16.47 mi. 16.53 mi. 16.57 mi. 16.63 mi. 16.72 mi. 16.79 mi. 16.90 mi. 16.93 mi. 16.94 mi. 16.97 mi. 17.05 mi. 17.07 mi. 17.09 mi. 17.12 mi. 17.86 mi. 17.85 mi. 17.93 mi. 18.32 mi. 18.46 mi. 18.52 mi. 18.57 mi. 18.63 mi. 18.74 mi. 18.80 mi. 18.81 mi. 18.87 mi. 18.94 mi. 19.02 mi. 19.03 mi. 19.11 mi. 19.26 mi. 19.50 mi. 19.61 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — 6' AC; 8' AC (16.27); 6'–14' AC (18.70) (18.24)

Pavement: Width and Type — 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC

Shoulder: Width and Type — 0; 6' AC; 0; 6' AC; 0; 8' AC (16.23); 6' AC (16.92); 0 (15.69); 6'–14' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6' AC

Divided Highway — Median: Width and Type — (0'–12' Painted AC) (15.07); 0'–8' Painted AC (15.38) (15.56); 0'–12' Painted AC (15.83) (15.98); 0'–12' Painted AC (16.72); 0'–8' Painted AC (16.90) (16.95) (17.05); 0'–12' Painted AC (18.46) (18.57); 0'–12' Painted AC (18.87) (19.11)

Shoulder: Width and Type — 0; 0; 0; 0; 0; 0

Pavement: Width and Type — 12' AC; 12' AC; 12' AC; 12' AC; 12' AC

Shoulder: Width and Type — 6' AC; 6' AC; 6' AC (15.92) (16.16); 6'–14' AC; 4' AC; 9' AC

Number of Traffic Lanes — 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 10' T.L. (15.49) (15.56); 12' T.L. (15.86) (15.90); 12' T.L. (16.74) (16.79); 11' (L) T.L. (17.02) (16.99); 12' (L) T.L. (18.49) (18.53); 12' T.Ls. (19.02) (19.05) (19.07) (19.10)

(Right Side) — 12' T.L. (15.42); 12' T.L. (15.49) (15.57)

Frontage Road: No. of Lanes, and Width (Right and Left) — None

Sidewalk: Width and Type (Right and Left) — 4' Conc. (16.00) (16.25); 3' Conc. (18.43) (19.00) (19.07)

Curb and/or Gutter: Type (Right and Left) — Curb + Gutter (16.00); 4' Conc. (16.27); 4' Conc. (16.23); (F Conc.) (16.56) (16.63); Conc. Curb (18.48); Conc. Curb (18.50) (18.98); (18.21) (18.31) (19.34)

Protective Devices: Type, Location and Number — Metal w/ Metal (15.88) (15.90); Metal w/ Metal (15.97); Metal w/ Metal; Metal w/ Metal; (Metal w/ Metal); Metal w/ Metal (18.63); Metal w/ Metal; (Metal w/ Metal); Metal w/ Metal; Metal w/ Metal; Metal w/ Metal

Illumination: Type, Location and Number — Metal w/ Metal (15.49) (15.67); M/M (15.86) (15.96); (Metal w/ Metal) (16.01); M.V. (16.24); (16.49) (16.52); (16.86); (18.22); (18.86); (19.73)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Rolling

Speed: 1–Design, 2–Posted — 35 MPH ② (17.12); 45 MPH ② (17.29) (17.43); 50 MPH ② (18.29); 45 MPH ② (18.36) (18.09); 35 MPH ② (19.05) (19.21); 45 MPH ③ (19.07); 35 MPH ② (19.10); 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing — 4 PHASE (16.79)

Traffic Station — B73 0050 01318; B73 0050 01569; B73 0050 01592; B73 0050 01702

HPMS Section — 15.20; 15.82; 16.09; 17.86

AADT (Year 2006) — 14,031 (15.69); 17,915 (15.92); 18,964 (17.02); 12,640

DOD Sections

Census Tracts

Functional Classification — Minor Arterial (6)

National Highway System (NHS) — None

Previous Projects: Project No., Date and Limits

(STP-050-1(14), 1998) 16.75 – 16.90

50C-01-90M (R), 1991 (15.69) — STP-050-1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995 (17.01) — 50B-02-93M (FOG SEALING), 1994

(HWY-K-01-77M (R), 1977) (15.11) — 50A-01-71, 1970 — 50A-01-71, 1971 (15.95) SOC-01-76 SAFETY IMPRV. 1982 (16.30) — SD-65-364, 1965 — FAP 12J, 1938 — (17.04) (17.06) (50B-01-74, 1974) (289+59.6) 17.21 (95+67.7) — FAP 29B (1), 1938 — 50B-01-86M (R), 1986 (18.47) (27+20) — 18.99 HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990 — FAP-F29(4), 1946

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Feb. 08	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

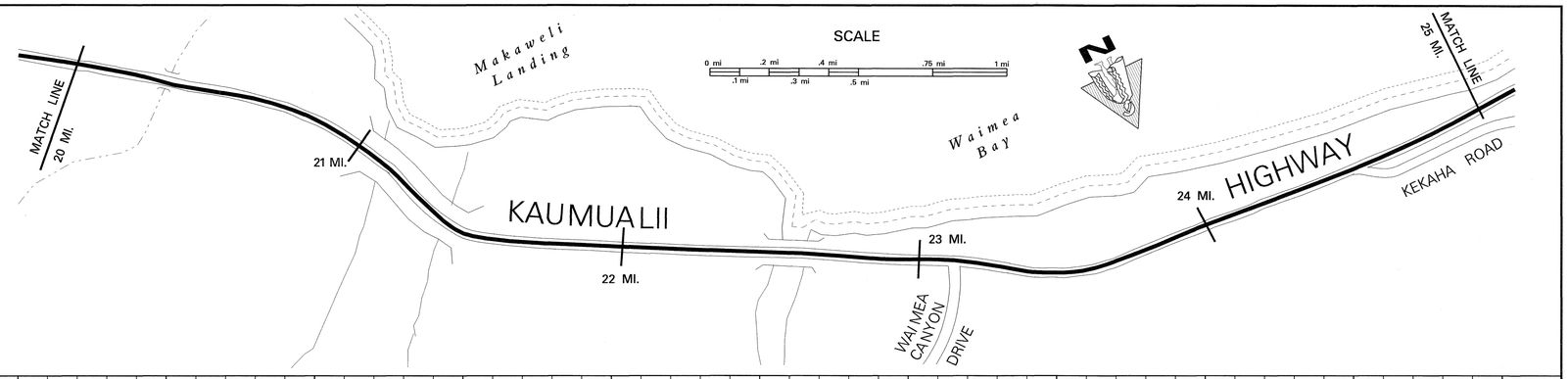
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

20 21 22 23 24 25

Maintenance Control Sections : Length and Description

50 B (7.46 MI.) | END 50 A – BEG 50 B ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH KEKAHA RD. 24.48 | 50 A (8.45 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
TEE BEAM 1948, H20 115' (20.33) | TEE BEAM 1948, H20 50' (21.02) | TEE BEAM 1948, H20 75' (21.35) | TEE BEAM 1940, H20 365' (22.47)

Vertical Clearance

Horizontal Clearance
26' | 26' | 26' | 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
80' | 120' (20.24–20.33) | 80' (20.33–20.64) | 120' (20.64–20.76) | 100' (20.76–20.90) | 80' (20.90–20.98) | 90' (20.98–21.35) | 80'

Available Right of Way Width (Needs Study)
Sugar Cane | Trees + Bushes (W/W 20', W/W 20') | Sugar Cane | Residential/Commercial | Residential | Ranch/Pasture (L), Sugar Cane (R) (WW / WOOD / WW) | Trees & Bushes (Residential (R), Beach (L))

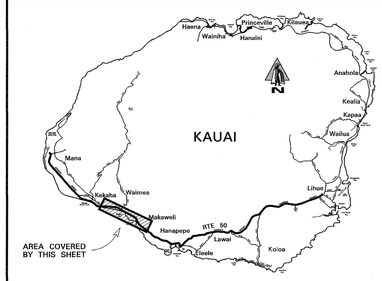
Right of Way Fence: Type – Right and Left
NONE

Control of Access: 1–None, 2–Partial, 3–Full
STATE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed
(HWY-K-02-98 (IMPRV.) 2000) | STP-050-1(25), GUARDRAIL/SHOULDER IMPR., 2005 | (F-050-1(1), 1957)

Project No., Type of Construction, and Year Constructed
STP-050-1(18), 1997 | 50B-01-00M, Resurf., 2003 | 50B-01-67, 1967 | BD 66-341 (R), 1967



Road Diagram
* MP = Milepost Signage

CONTINUED FROM PAGE #4 — 20 mi.

Makaweli Flume (O.P.) | Mahinauli Br. | Begin Divided | End Divided Makaweli Post Office | Paved Road | Road to Makaweli Landing | Akukui Br. | Paved Road | Cane Haul Rd. | Mahaikona Br. | Cane Haul Rd. | Cane Haul Rd. | Gay & Robinson Plantation Rd. | Road | Russian Fort Parking Lot | Waimea Br. | Ala Wai Rd. | Penaco Rd. | Halepule Rd. | Menehune Rd. | Moana Rd. | Ola Rd. | Pokole Rd. | Makeke Rd. | Waimea Canyon Dr. (Rte 550) | Roads | Haukai Rd. | Brewery | Kikiaola Ranch | Culvert | Kekaha Rd. | Kikiaola Harbor Rd. | Kikiaola Place | Mamo Rd.

KAUMUALII HIGHWAY — 21 MP, ECB (R), 22 MP, 23 MP, ECB, 24 MP, 25 MP

20.27 mi. 20.33 mi. 20.54 mi. 20.62 mi. 20.69 mi. 20.82 mi. 21.02 mi. 20.99 mi. 20.95 mi. 21.35 mi. 21.41 mi. 21.50 mi. 21.93 mi. 21.91 mi. 22.28 mi. 22.39 mi. 22.47 mi. 22.59 mi. 22.69 mi. 22.78 mi. 22.84 mi. 22.89 mi. 22.94 mi. 22.96 mi. 23.01 mi. 23.08 mi. 23.14 mi. 23.20 mi. 23.33 mi. 23.74 mi. 23.96 mi. 23.93 mi. 24.41 mi. 24.40 mi. 24.48 mi. 24.68 mi. 24.79 mi. 24.93 mi.

CONTINUED ON PAGE #6 — 25 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
6'–14' AC | 0 | 8' AC (23.17–23.26) (6' AC) | 4' AC

Pavement: Width and Type
24' AC | 12' AC | 24' AC | 23' AC (23.00–23.26: 24' AC, 22.86–23.00: 22' AC, 23.11–23.26) | 24' AC

Shoulder: Width and Type
6' AC | 0 | 6' AC | 0 | 4' AC

Divided Highway — Median

Median: Width and Type
0'–8' Painted AC (20.54–20.69)

Shoulder: Width and Type
0

Pavement: Width and Type
12' AC

Shoulder: Width and Type
6' AC

Number of Traffic Lanes
2–12' | (2–12') 1–12' (22.96–23.08) 1–20' (22.96–23.08) 1–12' 1–19' (23.08–23.29) | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
8' Parking Lanes (23.11–23.29)

(Right Side)
12' (L) TLs (20.57–20.62, 20.62–20.67) | 8' Parking Lanes (22.83–23.11) | 10' Diag Pkg | 8' Pkg (23.11–23.29, 23.20–23.29, 23.17–23.20)

Frontage Road: No. of Lanes, and Width (Right and Left)
None

Sidewalk: Width and Type (Right and Left)
3' Conc. (22.46–23.29)

Curb and/or Gutter: Type (Right and Left)
4' Conc. (22.47–23.13) | Conc. Curb (22.50–22.81) | Conc. Curb (22.81–23.29) | Conc. Curb (22.77–23.11) (Conc. Curb + 2' Conc. Gutter) (Conc. Curb + 2' Conc. Gutter)

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL

Illumination: Type, Location and Number
(1) M.V. (20.02–20.65) | M.V. (22.03–22.59) | M.V. (23.26–24.54) | M.V.

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Rolling | Flat

Speed: 1–Design, 2–Posted
35 MPH ② (20.24–20.33) | 50 MPH ② (20.33–20.41) | 45 MPH ② (20.41–20.67) | 45 MPH ② (20.67–20.83) | 50 MPH ② (20.83–22.25) | 35 MPH ② (22.25–22.83) | 25 MPH ② (22.83–23.40) | 35 MPH ② (23.40–23.60) | 45 MPH ② (23.60–23.86) | 50 MPH ② (23.86–24.62) | 45 MPH ② (24.62–24.78) | 35 MPH ② (24.78–25)

Intersection Control Devices: Type, Location and Cycle Timing
None

Traffic Station
B73 0050 01702 | B73 0050 02247 | B73 0050 02308 | B73 0050 02452

HPMS Section
22.76 | 23.41

AADT
12,640 (22.47) | 13,902 (23.08) | 10,158 (24.52) | 7,524

(Year 2006)

DOD Sections

Census Tracts

Functional Classification
Minor Arterial (6)

National Highway System (NHS)
None

Previous Projects: Project No., Date and Limits

STP-050-1(18), 1997 (21.36) | STP-050-1(12) (GUARDRL. & SHLDR. IMPRV.), 1995 (22.50)
STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995
50B-02-93M (FOG SEALING), 1994 (20.30) | (HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990) (22.50) | STP-050-1(10) (R), 1993 (23.13) | BD 66-341 (R) 1967 (24.34)
STP-050-1(13) (R), 1995 (23.04)
50B-01-86M (R), 1986 (21.39) | HW-K-01-78M (R), 1978 (23.12) | LT-K-03-80M (R), 1980
FAP-F29(4), 1946 (38 + 67.4) | FAP 29 A(1), 1938 (22.04) (0 + 00)/(206 + 00.1) | FAP 29 D(1), 1940 (22.78) | FAP 29D (1), 1941 (22.96) (135 + 00) | DAWR 1, 1942 – 1944 (23.12) (492 + 94)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Feb. 04	D.B.
July 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY

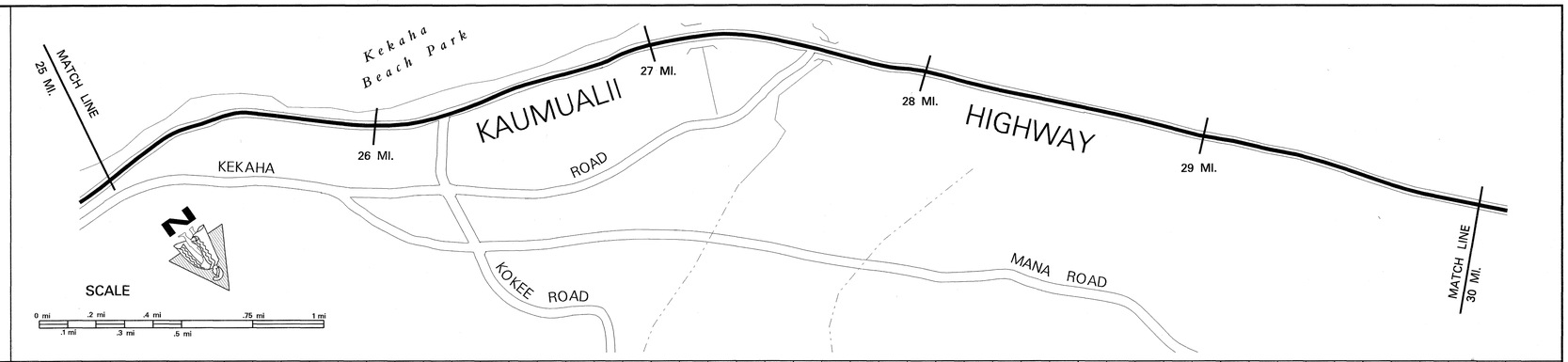
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

25 26 27 28 29 30

Maintenance Control Sections : Length and Description
50 A (8.45 MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC CONT. FLAT SLAB (CNL) HS-20, 1957 (68' @ 27.21); RC FLAT SLAB (CNL) 1957 (33' @ 27.57)
- Vertical Clearance: 27.21 – 27.57
- Horizontal Clearance: 42' (27.21) / 42' (27.57)

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (25.06 – 26.61); 100' (26.61 – 29.86)

Available Right of Way Width (Needs Study): Residential (R) Beach (L); 1000' Clear (Bushes & Sugar Cane 20' F.E.P.))

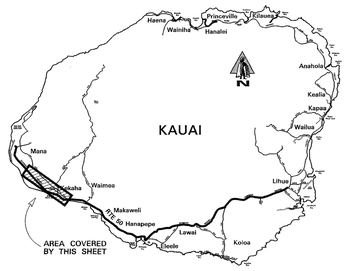
Right of Way Fence: Type – Right and Left: 25.73 – 25.77 Wood 25' FEP; 26.01 – 26.20 WW 50' FEP; 26.41 – 26.71 WW 50' FEP; 26.41 – 29.86 WW 75' FEP

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: STP-050-1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005

Project No., Type of Construction, and Year Constructed: (F-050-1(1), 1957) 25.06 – 25.11; (BD 66-341 (R), 1967) 25.11 – 25.56; ER-10(2) (STORM DAMAGE RECONSTRUCTION), 1984; 27.26 – 28.42 HWY-K-01-82M (R), 1968; 28.42 – 29.86 STP-050-1(12) (GUARDRL. & SHLDR, IMPRV.), 1995



Road Diagram
MP = Milepost Signage

CONTINUED FROM SHEET #5 — 25 mi.

Akepa Rd. 25.01 mi.; Elepaio Rd. 25.12 mi.; Menu Rd. 25.10 mi.; ECB (R) 25.28 mi.; Aukuu Rd. 25.35 mi.; Puao Rd. 25.51 mi.; Nene Rd. 25.60 mi.; Moho Rd. 25.68 mi.; Iwa Rd. 25.76 mi.; Kala Rd. 25.93 mi.; Alae Rd. 26.22 mi.; Amakihi Rd. 26.37 mi.; Akekeke Rd. 26.52 mi.; Akialoa Rd. 26.68 mi.; ECB (R) 26.92 mi.; 26.90 mi.; Bridge #4 27.21 mi.; Bridge #3 Road 27.57 mi.; 27.56 mi.; Begin Divided Dirt Roads 28.36 mi.; 28.40 mi.; Kekaha Landfill 28.69 mi.; End Divided 28.92 mi.; 28.94 mi.; ECB (L) Road 29.28 mi.; Cane Haul Rd. 29.33 mi.; 29.41 mi.; Tartar Dr. 29.93 mi.

KAUMUALII HIGHWAY — 26 MP, 27 MP, 28 MP, 29 MP, 30 MP

CONTINUED ON SHEET #7 — 30 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 4' AC (25.06 – 25.10); 20' AC (25.10 – 25.30); (4' AC) (25.30 – 25.34); 5' AC (25.34 – 27.19); (34' AC) (27.19 – 27.76); 4' AC (27.76 – 28.42); 6' AC (28.42 – 29.86)
- Pavement: Width and Type: 24' AC (25.06 – 25.19); 22' AC (25.19 – 25.35); 24' AC (25.35 – 28.36); (12' AC) (28.36 – 28.42); 11' AC (28.42 – 29.86); 22' AC (29.86 – 29.93)
- Shoulder: Width and Type: 4' AC (25.06 – 26.02); 6' AC (26.02 – 28.36); 0 (28.36 – 29.86); 6' AC (29.86 – 29.93)

Divided Highway – Median
- Median: Width and Type: 0'–11' Painted AC (28.40 – 29.86)
- Shoulder: Width and Type: 0 (28.40 – 29.86)
- Pavement: Width and Type: (12' AC) (28.36 – 28.42); 11' AC (28.42 – 29.86)
- Shoulder: Width and Type: 6' AC (28.42 – 29.86)

Number of Traffic Lanes: 2–12' (25.06 – 25.19); 2–11' (25.19 – 25.35); 2–12' (25.35 – 28.42); 2–11' (28.42 – 29.93)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side): 11' TLs (28.69 – 28.89; 28.89 – 29.77)

Frontage Road: No. of Lanes, and Width (Right and Left): None

Sidewalk: Width and Type (Right and Left): None

Curb and/or Gutter: Type (Right and Left): None

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL: 25.42 – 26.10; 26.67 – 26.78

Illumination: Type, Location and Number: M.V. 25.56 – 25.66; (M.V.) 26.01 – 26.27; M.V. 27.19 – 27.24; 27.56 – 27.60

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat

Speed: 1–Design, 2–Posted: 35 MPH ② (25.06 – 26.78); 50 MPH ② (26.78 – 29.86)

Intersection Control Devices: Type, Location and Cycle Timing: None

Traffic Station: B73 0050 02452 (25.06 – 26.22); B73 0050 02622 (26.22 – 28.69); B73 0050 02869 (28.69 – 29.86)

HPMS Section: 25.28 – 27.57

AADT (Year 2006): 7,524 (25.06 – 26.22); 4,605 (26.22 – 28.69); 3,000 (28.69 – 29.86)

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits

25.06 ER-11(2), 1997 25.34 (F-050-1(1), 1957) 25.78 25.84
26.46 50E-03-68 (R), 1968 27.08 HWY-K-01-82M (R), 1968
STP-050-1(13) (R), 1995 28.42 50A-01-89M (R), 1990
BD 66-341 (R), 1967 26.23 (F-50-1(1), 1957) 50E-03-68 (R), 1968
LT-K-03-80M (R), 1980 25.87 26.46 50E-03-68 (R), 1968 27.21 27.26 LT-K-03-80M (R), 1980 27.59 50 E-03-68 (R), 1968 28.30
DAWR 1, 1942 – 1944 (27.23) DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY, LIO RD., KAO RD.

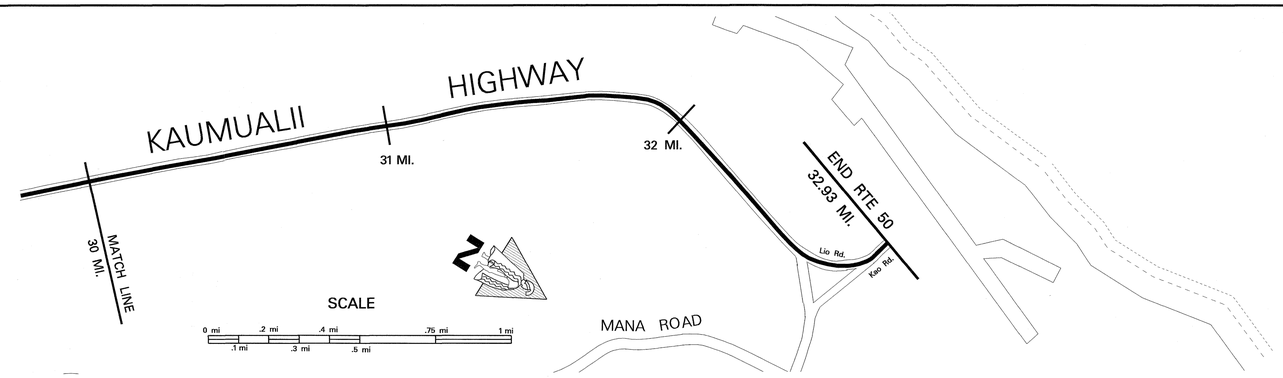
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Maintenance Control Sections : Length and Description: 50 A (8.45 MI.) — BEG. 50 A – SAME AS END RTE 50.

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC FLAT SLAB (CNL) HS-20, 1957 41' (31.14); RC FLAT SLAB (CNL) HS-20, 1957 41' (31.57)

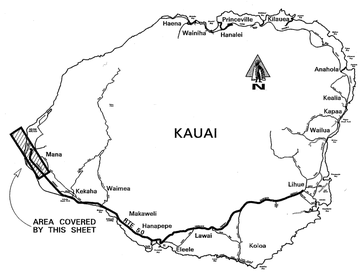
Vertical Clearance: 31.14; 31.57

Horizontal Clearance: 42'; 42'

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies	100'
Available Right of Way Width (Needs Study)	1000' Clear (Bushes & Sugar Cane 20' F.E.P.)
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	STP-050-1(25), (GUARDRL.& SHLDR. IMPRV.), 2005 (31.60)
Project No., Type of Construction, and Year Constructed	STP-050-1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94); 50A-01-02M 2004 RESURFACE



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #6

30 mi. | Kia Rd. | Bridge #2 | Bridge #1 | Imiloa Rd. | ECB (L) | Hwy Spur | Kao Rd. | END RTE 50 ON KAO ROAD AT THE NORTH ENTRANCE GATE OF THE PACIFIC MISSLE RANGE FACILITY. 32.93 mi.

KAUMUALII HIGHWAY — 31 MP — 32 MP — 32.99 MP — LIO RD. — KAO RD.

30.74 mi. | 30.99 mi. | 31.14 mi. | 31.57 mi. | 31.99 mi. | 32.32 mi. | 32.43 mi. | 32.56 mi. | 32.87 mi.

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Divided Highway — Undivided:

Shoulder: Width and Type	6' AC
Pavement: Width and Type	22' AC
Shoulder: Width and Type	6' AC

Divided Highway:

Median: Width and Type	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	

Number of Traffic Lanes	2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE (31.17 31.14; 31.60 31.56)
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL
Illumination: Type, Location and Number	NONE (31.16 31.12; 31.58 31.56)
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat
Speed: 1–Design, 2–Posted	50 MPH ② (32.23 32.22) 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	NONE
Traffic Station	B73 0050 02869 (31.99) B73 0050 03232 (32.56)
HPMS Section	
AADT (Year 2006)	3,000 (32.32) 744
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (6)
National Highway System (NHS)	NONE
Previous Projects: Project No., Date and Limits	

STP-050-1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94)
50A-01-89M (R), 1990 (31.17 (31.18) (F-050-1(7), 1957) 31.61 (31.60))
DAWR 1, 1942 – 1944
50A-02-70 (R), 1970 (F-050-1(1), 1957) (32.55) 32.54

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Date Released	
Nov. 2001	
Revised	
Jan. 06	D.B.

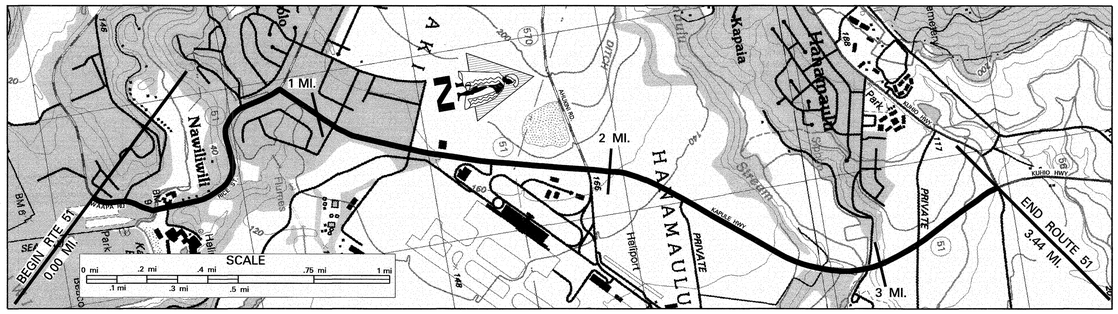
ROAD INVENTORY
KAUAI RTE 51
WAAPA RD., RICE ST., KAPULE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 3.44 miles
- a. Survey Length: 3.44 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 51A Same as Begin Rte 51 — 51A (0.91 MI.) — End 51A on Rice St. 830' N.W. of Mokoi St. Center Line. (0.09) — 51B (1.04 MI.) (1.95)

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: SS-CONC. TEE 1933 H-15 (0.21, 50') — PRESTRESSED CONC. GIRDER, 1988 HS-20-40 (2.78, 1140')
- Vertical Clearance: 24' — 40'
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.11) 50' (0.38) 60' (0.60) (0.65) 60' (0.77) 50' 100' (1.98) 160' (2.27) 150'-155' (2.49) 180' (2.88) 190' (2.91) 120'-165' (2.76) (2.81) (2.86) 205'-285' (2.91) 120'-195' (3.02) 180'-210' (3.15) 150'-165'

Available Right of Way Width (Needs Study): Res./Comm. (0.60) Trees & Bushes (0.83) Res./Comm. (1.77)

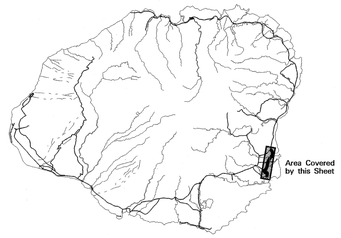
Right of Way Fence: Type - Right and Left: Wire (1.46) (1.62)

Control of Access: 1-None, 2-Partial, 3-Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

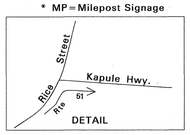
Project No., Type of Construction, and Year Constructed: NH-051-1(10), R, 2002 (0.80) STP-051-1(9), Imprv., 2000 (1.01) (1.20) STP-051-1(20), Imprv., 2000 (1.77) (2.09) 51B-01-00M, 2001, Imprv.

Project No., Type of Construction, and Year Constructed: (0.43) STP-0700(38), 1998 (0.74) (0.84) 51B-01-92M, (R) 1993 (1.50) DP-F-051-1(3), 1975 (1.74) F-051(7), 1988 (2.79) F-051-1(8), '88 (2.99) F-051-1(7), 1988



Road Diagram

* MP = Milepost Signage



Begin Rte 51 on Waapa Road at the Center Line with Nawiliwili Road Intersection. (Rte 58) — 0.00 mi.

Laila Rd. Begin Divided Driveway End Divided — Kalapaki Rd. Nawiliwili Br. End Divided — End Divided & Rd to Kauai Marriott Hotel Begin Divided — Mokoi St. — End Divided Rice St. Begin Divided — Haleu St. (L) Begin Divided — End Divided — Road (L) — Begin Divided Military Museum — Kaana St. — Cane Haul Rd. — Anukini Rd. (Rte 570) — Cane Haul Rd. End Divided — Hanamaulu Viaduct — Begin Divided — End Rte 51 on Kapule Hwy at the South East Edge of Pavement of Kuhio Highway (Rte 56). 3.44 mi.

ECB — MP — Haoa St. (R) — Shore Line Access (R) — MP — MP — MP — 3.49 MP

Rice St. — Kapule Hwy

Waapa Rd.

0.05 mi. 0.05 mi. 0.07 mi. 0.12 mi. 0.18 mi. 0.21 mi. 0.25 mi. 0.33 mi. 0.38 mi. 0.74 mi. 0.81 mi. 0.87 mi. 0.89 mi. 0.97 mi. 1.01 mi. 1.09 mi. 1.19 mi. 1.35 mi. 1.45 mi. 1.50 mi. 1.62 mi. 1.75 mi. 1.94 mi. 1.96 mi. 2.19 mi. 2.28 mi. 2.77 mi. 2.99 mi. 3.02 mi. 3.23 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 8' AC — 4'-6' Grs. (0.24) — 4'-6' AC — 2' AC/4' Grass (0.92) — 10' AC (1.98) — 8' AC — 8' PCC — 8' AC
- Pavement: Width and Type: 12' AC, 24' AC, 12' AC (0.41) (24' AC) 36' AC — 12' AC, 24' AC — 12' AC, 24' AC — 12' AC, 24' AC (2.77) — 24' PCC (2.99) — 24' AC — 12' AC
- Shoulder: Width and Type: 0, 8' AC — 0 — 8' AC — 0 — 2'-4' AC — 0 — 9' AC — 0 — 8'-10' AC — 0 — 8' AC — 8' PCC — 8' AC — 0

Divided Highway — Median

- Median: Width and Type: (10' Paint) — 10' Paint (0.38) (10' Paint) (0.81) (0-8' Painted AC) — (0.89) (1.01) 6' Painted Median (1.19) (1.50) — 24' Painted AC (2.19) (3.23) — 12' Painted AC
- Median Barriers:

Divided Highway — Undivided

- Shoulder: Width and Type: 0 — 0 — 0 — 0 — 0 — 0
- Pavement: Width and Type: 12' AC — 12' AC — 12' AC — 12' AC — 12' AC
- Shoulder: Width and Type: 8' AC — 6'-10' AC — (4'-8' AC) — 8' AC — 10' AC — 8'-10' AC — 8' AC

Number of Traffic Lanes: 2-12' (0.09) (0.38) (0.41) 1-12' 2-12' (1.16) (1.69) 2-12' (2.12)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' (0.15) (0.20) (0.38) (0.43) (0.47) (0.49) (1.07) (1.17) (1.42) (1.84) (3.38) (3.50)

(Right Side): 12' (0.10) 12' (0.41) 12' Truck Climb Lane (0.81) (0.90) (1.00) (1.22) (1.70) (2.05) (3.30)

Frontage Road: No. of Lanes, and Width (Right and Left): None (1.86) (2.02)

Sidewalk: Width and Type (Right and Left): 4' Conc. (0.13)

Curb and/or Gutter: Type (Right and Left): BP Curb (0.42) (0.53) Conc. Gutter (0.74) (1.18) (1.54) (Conc. Curb) AC Curb (2.68) 7' Conc Gutter (2.74) (3.02) (7' Conc. Gutter) AC Curb

Protective Devices: Type, Location and Number: (0.15) (0.22) (0.46) (0.77) Metal Rails on Concrete Posts (1.09) (1.93) M/M (2.14) M/M (3.02) (3.35)

Illumination: Type, Location and Number: M.V. (0.02) (0.17) Inc. (0.37) (0.78) Inc. (0.91) (1.63) M.V. (2.18) (3.38) M.V.

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urban

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (0.07) (0.27) Mountainous (0.77) (1.97) Flat

Speed: 1-Design, 2-Posted: 25 MPH (2) (0.59) 35 MPH (2) (1.02) (1.19) 40 MPH (2) (1.76) 35 MPH (2) (2.18) 50 MPH (2) (3.34) 35 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing: Stop Sign (0.42) 4 Phase (1.09) Traffic Light (1.42) 4 Phase (1.94) (2.05) (3.44) 2 Phase

Traffic Station: B73 0051 00000 — B73 0051 00043 — B73 0051 00087 — B73 0051 00194

HPMS Section: 0.06 — 0.80 — 1.56 — 2.99

AADT (Year 2006): 12,924 (0.43) 14,900 (0.87) 15,700 (1.94) 15,400

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (14)

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits:

(STP-058-1(2), Realign, 1993) — County (0.08) 51A-01-88M, (R) 1988 (0.09) (50E-05-69, 1969, Resurf. & Truck Climb) (0.79) (0.87) (0.88) (0.90) FAP E-12-A, 1932 (50E-05-69, 1969 (FAP-E-12-A, 1932)) DP-F-051-1(3), 1975 (1.74) DP-F-051-1(3), 1974 (2.00) F-015-1(7), 1988 (2.78) F-051-1(8), 1988 (2.99)

SCALE: (In Miles) 4" = 1 mile

Date Released
April 04, D.B.
Revised

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

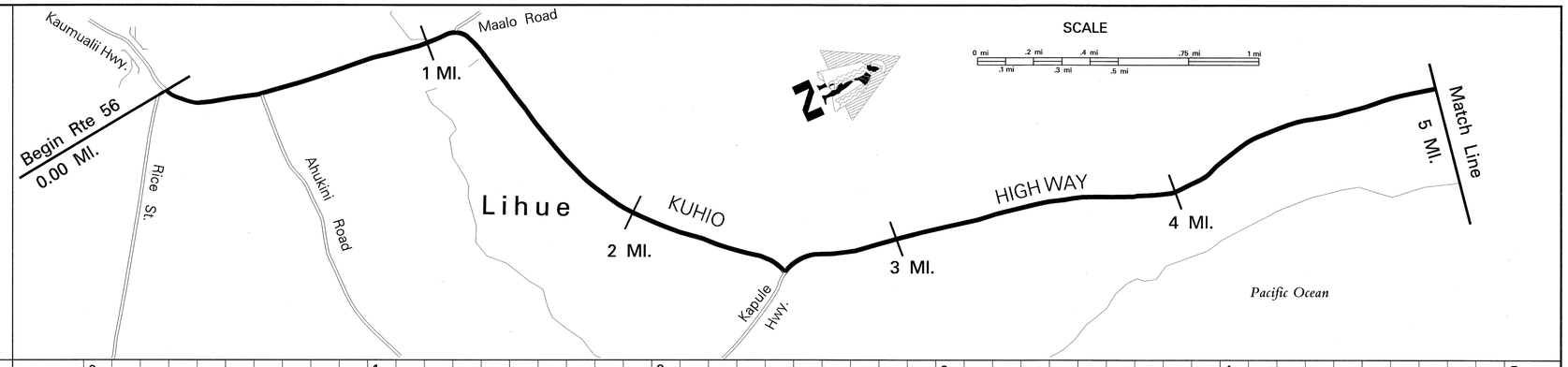
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.00 Begin 56A on Kuhio Hwy at the Centerline Intersection with Kaumualii Hwy and Rice St. — 56A (9.86 MI.)

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam (STR) 1933 H15
- Vertical Clearance: 157'
- Horizontal Clearance: 27'

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 85' (0.14) 50' (0.92) 70' (0.98) 80' (1.06) 60' (1.29) 120' (1.38) 80' (1.43) 65' (1.72) 70' (1.80) 60' (4.18) 100'

Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't): Commercial / Residential (2.24) Clear 1000' – Sugar Cane 20' FEP

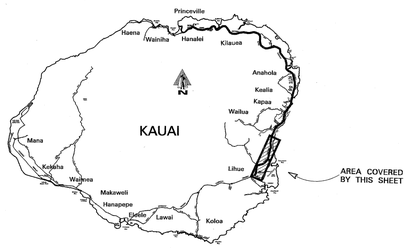
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't): Chain Link 50' FEP (0.80) (0.85)

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (133+47.30) (56A–01–04M, RESURF., 2005) (223+82.59) HWY-K-03-00, Improvements, 2003)

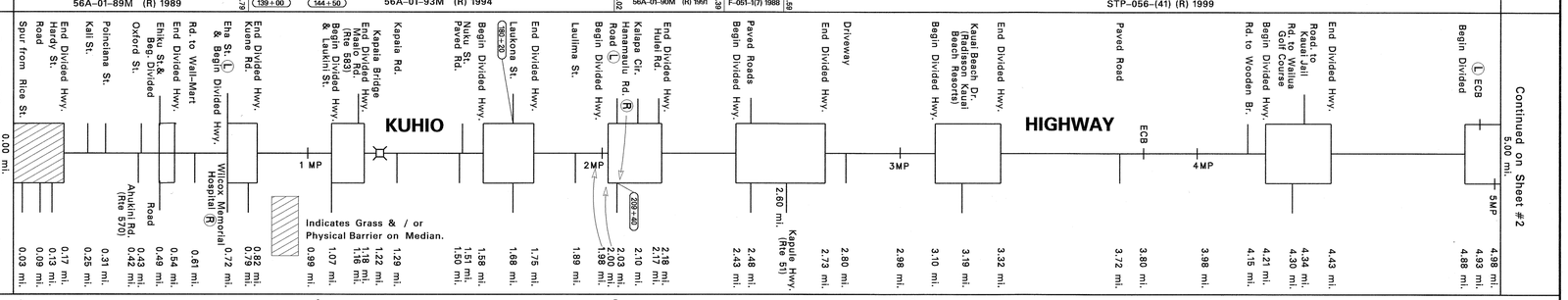
Project No., Type of Construction, and Year Constructed: (50E–01–98, 2001 (REALIGNMENT)) (0.12) 56A–01–00M 2004 RESURFACE (0.80) (0.97) (1.07) 56A–01–04M, RESURF., 2005 (2.42) (4.88)

Project No., Type of Construction, and Year Constructed: 56A–01–89M (R) 1989 (0.79) (139+00) (144+50) 56A–01–93M (R) 1994 (2.02) 56A–01–90M (R) 1991 (2.38) F–051–1(7) 1988 (2.59) STP–056–(41) (R) 1999



Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Divided Highway — Median: Width and Type

- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number (M/M=Metal Rail on Metal Post; M/C=Metal Rail on Conc. Post)

Illumination: Type, Location and Number: Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra–Flow Lane: 2.60 Contra–Flow 5:53–8:30 AM — Traffic Flow

Area and Development: Urban

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) (0.78) Mountainous (3) (1.51) Rolling (2) (2.84) Flat (1)

Speed: 1–Design, 2–Posted: 25 MPH (2) (1.30) 35 MPH (1) (1.59) 25 MPH (2) (2.36) 35 MPH (2) (2.70) (2.89) 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (0.19) 3 Phase (0.37) 2 Phase (0.42) 3 Phase (0.61) 3 Phase (0.72) 3 Phase (1.68) 2 Phase (2.60)

Traffic Station: B73 0056 00000 (0.42) B73 0056 00042 (0.72) B73 0056 00072 (1.18) B73 0056 00116 (1.68) B73 0056 00168 (2.60) B73 0056 00260

HPMS Section: 0.06

AADT (Year 2006): 35,479 (0.42) 20,800 (0.72) 18,900 (1.18) 17,438 (1.68) 18,600 (2.60) 31,400

DOD Sections

Functional Classification: Principal Arterial (14) (0.42) Minor Arterial (16) (2.60) Principal Arterial (14)

National Highway System (NHS): NHS (0.42) (2.60) NHS

Previous Projects: Project No., Date and Limits

(56A–02–72, 1976) (56A–01–75M (R)) 0.79 56A–01–75M (R) 1975 1.27 56A–02–67, 1967 1.53 1.67 HWY–K–01–82M (R) 1982 2.02 3.04 STP–056–1(40) 1998
0.10 56A–02–88 1988 0.41 0.53 0.60 0.79 (56A–01–85, (IMPRV.) 1987) (56A–02–72, 1976) 56A–01–90M (R) 1991
(56A–01–75M, 1975) 0.11 0.31 RSG–0570(2) 1981 0.71 0.77 HWY–K–01–81M (R) 1981 1.46 2.39 F–051–1(7) 1988 3.01 4.20 56A–01–80, 1981 (IMPRV.) 4.57
(56A–06–70, U II 1976) 56A–01–75M (R) 1975 1.27 (56A–02–72, 1976) 1.67 1.77 A–59–01–64, 1965 (R) 2.02 HWY–K–01–78M (R) 1978 2.60 2.81 HWY–K–01–78M (R) 1978 3.60 56A–01–72, 1976 3.81 HWY–K–01–78M, 1978 (R) 4.20 4.39 A–56–02–64 1968
(Lihue Plantation) 0.16 County 0.41 F–12(18) 1950 0.72 56A–02–67, Ph. II 1968 1.16 1.25 56A–02–67, U–1 1967 1.61 (A–56–01–64, (R) 1965) F–12(18) 1950 (LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980)
(F–12(18), 1950)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
July 04	D.B.
Jan. 06	D.B.

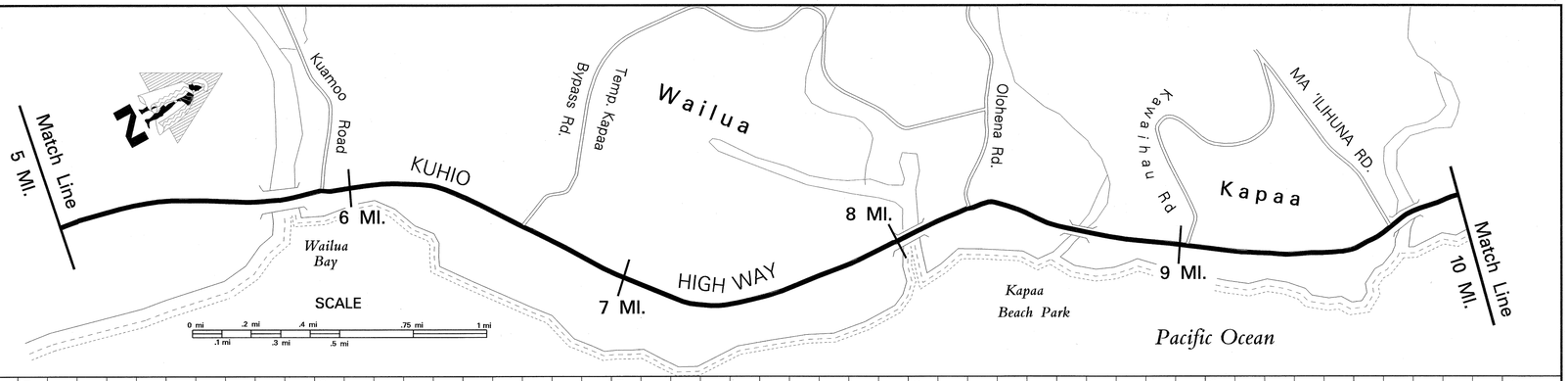
ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

56A (9.86 MI.) — End 56A – Begin 56B on Kuhio Hwy. 100' North of Centerline Inersection with Mailihuna Rd. 9.86 — 56B (3.68 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Tee Beam (RIV) 425' | 5.77
- Cont. Conc. Slab HS20 1963 56' (Widened in 1993) | 7.32
- Prestressed Conc. Plank HS–20–44 81' (Widened in 2001) | 8.09
- Tee Beam H20 (CNL) 1948 81' | 8.84
- Tee Beam (STR) 1953 152' | 9.98

Vertical Clearance
- 28' | 5.77
- 46' | 7.32
- 56' | 8.09
- 30' | 8.84
- 28' | 9.98

Horizontal Clearance
- 28'
- 46'
- 56'
- 30'
- 28'

Structure Over Road

Vertical Clearance
- (Varies 50'–90')
- (70')

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 100' | 5.14 | 60' | 5.69 | 80' | 6.12 | 60' | 8.16 | 70' | 8.38 | 60' | 8.69 | Varies 80'–120' | 8.91 | 50' | 9.03 | 50' | 9.13 | Varies 50'–80' | 9.22 | 60' | 9.54 | 50' | 9.86 | 100'

Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't): Clear 1000' – Sugar Cane 20' FEP | 5.65 | Residential | 6.38 | (Sugar Cane – Clear 1000') | 6.52 | Resort / Residential | 8.46 | 2' FEP Chain Link | 8.52 | Open Range | 9.74 | Residential

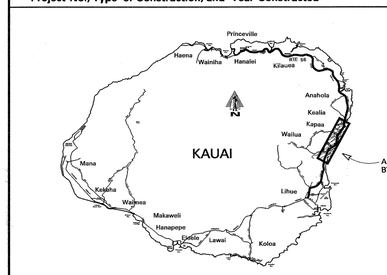
Right of Way Fence: Type – Right and Left: 30' FEP W/W | 9.35 | 9.39

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed
- (STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005)
- HWY–K–03–00 Imprv. 2003 | 5.24
- 56A–01–92 (IMPRV.) 1993 | 6.32 | 7.38
- (BR–STP–056–1(35), 2001 BRIDGE WIDENING) | 8.05 | 8.23 | 8.93
- (56A–01–97 ((L) TURN LANE) 1998) | 9.61
- 56B–01–01M 2004 (R)

Project No., Type of Construction, and Year Constructed
- STP–056–1(41) (R) 1999 | 5.77
- (56A–01–91 (Imprv.)1993) | 5.84 | 5.86
- STP–056–1(37) (R) 1996 | 8.07
- 56A–08–90 1991
- 56A–03–90 (R) 1991 | 8.65 | 8.69
- STP–0700 (28) (IMPRV.) 1994



Road Diagram
* MP = Milepost Signage

Continued from Sheet #1 — 5.00 mi.

Leho Dr. | End Divided Hwy. | Leho Dr. | Begin Divided Hwy. | Wailua Marina Road | Crossover Road. | End Divided & Wailua Br. | Begin Divided Hwy. | Kuamoo Rd. (Rte. 580) | Merge | End Divided Hwy. | ECB 6 MP | Haleilio Rd. | Papaloa Rd. & Begin Divided Hwy. | Lanikai St. | End Divided Hwy. | Begin Divided Hwy. Culvert | Coconut Plantation Drive | Tempo Kapaa Bypass Rd. 6.60 mi. | Papaloa Rd. 6.63 mi. | End Divided Hwy. | Coconut Plantation | Fernandes St. | 7MP | Coconut Plantation | Poiu Rd. | Rd. to Foodland | Uhelekawaa Br. | Rd. to Apts. | Rd. to Shopping Ctr. | Hoi Rd. | Road | Kaska Rd. | Kipuni Pl. | Makaha Rd. | Pahihi Rd. | Kapaa Shopping Center | 8MP | ECB | Akea Rd. | Waikaea Canal | Inia St. | Ulu St. | Ohia St. | Road to Resort | Kaiulani St. | Kuhio (L) Divided Hwy. | Kukui St. | End Divided Hwy. | Lehua St. | Begin Divided Hwy. | Mailihuna Br. | End Divided Hwy. | Kou St. | Begin Divided Hwy. | Hauaala Rd. | End Divided Hwy. | Kawaihau Rd. | Road | 9MP | Sewage Plant Rd. | Roads to Lookout | Begin Divided Hwy. | Kapaa Bridge | Mailihuna Road | 10 MP

KUHIO HIGHWAY

5.03 mi. | 5.21 mi. | 5.54 mi. | 5.60 mi. | 5.74 mi. | 5.77 mi. | 5.86 mi. | 5.89 mi. | 5.96 mi. | 6.01 mi. | 6.02 mi. | 6.04 mi. | 6.22 mi. | 6.28 mi. | 6.38 mi. | 6.47 mi. | 6.53 mi. | 6.54 mi. | 6.63 mi. | 6.72 mi. | 6.78 mi. | 7.03 mi. | 7.04 mi. | 7.11 mi. | 7.22 mi. | 7.32 mi. | 7.38 mi. | 7.44 mi. | 7.51 mi. | 7.55 mi. | 7.67 mi. | 7.71 mi. | 7.78 mi. | 7.88 mi. | 7.92 mi. | 7.97 mi. | 8.02 mi. | 8.09 mi. | 8.18 mi. | 8.24 mi. | 8.32 mi. | 8.41 mi. | 8.42 mi. | 8.49 mi. | 8.54 mi. | 8.62 mi. | 8.64 mi. | 8.80 mi. | 8.90 mi. | 8.92 mi. | 9.03 mi. | (L) 9.10 mi. | (R) 9.10 mi. | (L) 9.97 mi. | (R) 9.99 mi. | 9.34 mi. | 9.51 mi. | 9.54 mi. | 9.84 mi. | 9.89 mi. | 9.94 mi. | 9.97 mi.

Continued on Sheet #3 — 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 4'AC | 5.11
- 6'AC | 5.71
- 4'AC | 5.81
- 6' AC | 6.21
- 4'AC | 7.21
- 2' AC | 8.06
- 0 (12'AC)
- 4'–6' AC | 8.69 | 8.70
- 10' AC | 9.32
- 4' AC | 9.34
- 8' AC

Pavement: Width and Type
- 12'AC
- 36' AC | 5.49
- 35' AC | 5.54
- 11' AC | 5.71
- 22' AC | 5.81
- 11' AC | 5.94
- 33' AC | 6.21
- 11' AC | 6.38
- 33' AC | 6.47
- 11' AC | 6.54
- 33' AC | 7.38
- 22' AC | 8.06
- 11' AC | 8.24
- 22' AC | 8.32
- 11' AC | 8.41
- 0 | 8.42
- 24' AC | 8.69
- 12' AC | 8.80
- 24' AC | 9.35
- 12' AC

Shoulder: Width and Type
- 0
- 6' AC | 5.54
- 0
- 4'AC | 5.77
- 0 | 5.81
- 4' AC | 5.94
- 6' AC | 6.21
- 0
- 4' AC | 6.47
- 0
- 4' AC | 7.33
- 6' AC | 7.56
- 4' AC | 8.07
- 0
- 0 | 8.24
- 0 | 8.41
- 0 | 8.42
- 0 | 8.69
- 12' AC | 8.80
- 0
- 6' AC | 9.35
- 4'–6' AC | 9.61
- 6' AC

Divided

Median: Width and Type
- 0'–18' Painted AC | 5.21
- 0'–10' Painted AC | 5.54 | 5.69
- 0'–10' Painted AC | 5.77 | 5.88
- 0'–10' Painted AC | 6.01
- 0'–10' Painted AC | 6.22 | 6.47
- 0'–10' Painted AC | 6.54
- 0'–10' Painted AC | 6.78
- (0'–11' Painted AC) | 8.37 | 8.42 | 8.48
- 0'–10' Painted AC | 8.62 | 8.90
- 0'–11' Painted AC | 9.03
- 10' PAINTED AC

Shoulder: Width and Type
- 0
- 0
- 0
- 0
- 0
- 0
- 0 | 8.42
- 0 | 8.48 | 8.49
- 0
- 0
- 0
- 0

Pavement: Width and Type
- 24'AC
- 24' AC | 5.54 | 5.59 | 12' AC | 5.69 | 5.71 | 11' AC
- (11' AC) | 5.77 | 5.88
- 22' AC
- 22' AC
- 22' AC
- 11' AC | 8.42
- (11' AC) | 8.48 | 8.49
- 12' AC
- 12' AC
- 12' AC

Shoulder: Width and Type
- 6'AC
- 6' AC | 5.54 | 5.59
- 4' AC
- 4' AC
- (6' AC) | 6.22
- 4' AC
- 0
- 0 | 8.42
- 0 | 8.48 | 8.49
- 0
- 12' AC | 9.03
- (6' AC)
- 6' AC

Number of Traffic Lanes: 1 – 12' | 5.54 | 2 – 12' | 5.69 | 1 – 11' (1 – 12') | 5.88 | 2 – 11' | 5.98 | 1 – 11' | 6.22 | 2 – 11' | 7.38 | 2–11' | 8.42 | 1–11' (1–12') | 8.48 | 8.69 | 2–12' | 9.03

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' TLs | 5.11 | 5.54 | 5.69 | 5.74 | 5.77 | 5.88 | 5.90 | 6.22 | 6.24 | 6.38 | 6.40 | 6.47 | 6.54 | 6.56 | 6.60 | 6.63 | 6.72 | 7.11 | 7.18 | 7.22 | 7.27 | 7.31 | 7.38 | 7.43 | 7.78 | 7.88 | 7.92 | 8.10 | 8.21 | 8.24 | 8.37 | 8.40 | 8.42 | 8.48 | 8.49 | 8.54 | 8.62 | 8.69 | 8.70 | 8.90 | 9.03 | 9.10 | 9.15 | 9.34 | 9.54 | 9.87 | 9.98 | 1-10' ACC. LN

(Right Side): 2-Way (L) TL | 7.18 | 2-Way (L) TL | 7.38 | 2-Way (L) TL | 8.21 | 10' Parking | 8.40 | 10' Parking | 8.54 | 8.62 | 9.03 | 9.87

Frontage Road: No. of Lanes, and Width (Right and Left): None

Sidewalk: Width and Type (Right and Left): 5' Conc. | 7.18 | 8.98 | 6' CONC. | 9.87

Curb and/or Gutter: Type (Right and Left): (Conc. Curb) | 5.09 | Conc. Curb | 5.51 | 5.67 | 5.98 | 6.24 | Conc. Curb | 6.40 | 7.23 | 6' Conc. | 8.09 | 8.68 | Conc. Curb | 8.70 | 9.03 | 9.34 | 9.85 | 9.87 | 2' CONC.CURB & GUTTER

Protective Devices: Type, Location and Number (M/M = Metal Rail on Metal Post): M/M | 5.44 | M/M | 6.12 | M/M | 8.09 | M/M | 9.34 | M/M | 9.87

Illumination: Type, Location and Number: Mercury Vapor | 8.98

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra–Flow Lane: Contra-Flow 5:53–8:30 AM — Traffic Flow | 6.60

Area and Development: Urban | 9.85 | (Rural)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) | 8.99 | Rolling (2) | 9.81

Speed: 1–Design, 2–Posted: 50 MPH (2) | 5.52 | 35 MPH (2) | 5.81 | 5.95 | 25 MPH (2) | 6.39 | 6.41 | 35 MPH (2) | 8.09 | 8.15 | 25 MPH (2) | 9.04 | 35 MPH (2) | 9.22 | 9.23 | 50 MPH (2) | 40 MPH (1) | 9.87

Intersection Control Devices: Type, Location and Cycle Timing: 2 Phase | 5.86 | 3 Phase | 6.32 | 3 Phase | 7.27 | 3 Phase | 7.38 | 3 Phase | 7.92 | 3 Phase | 8.41

Traffic Station: B73 0056 00260 | B73 0056 00566 | B73 0056 00596 | B73 0056 00660 | B73 0056 00732 | B73 0056 00818 | B73 0056 00864 | B73 0056 00899 | (B73 0056 00995)

HPMS Section

AADT (Year 2006): 31,400 | 5.68 | 36,150 | 5.86 | 33,390 | 6.60 | 27,618 | 7.32 | 30,400 | 8.18 | 30,400 | 8.84 | 24,200 | 8.99 | 16,000 | 9.95 | (16,100)

DOD Sections

Functional Classification: (Minor Arterial (6)) | 9.95

National Highway System (NHS): Principal Arterial (14) | 9.95

Previous Projects: Project No., Date and Limits
- STP–056–1(40) 1998 | 5.77
- 56A–01–90M (R) 1991 | 5.54
- 56A–01–91 (IMPRV.) 1993 | 6.34
- 56A–08–90 (IMPRV.) 1991 | 7.32 | 8.65
- 56A–03–90M (R) 1991 | 8.69 | 9.84
- (56B–01–89M 1989 (R))
- (HWY–K–01–77M 1977)
- (56A–01–67 (R) 1967)
- (56C–01–87M 1987)
- A–56–02–64 1968 | 5.54
- 56A–01–90M (R) 1991 | 5.84
- 56A–02–72 1976 | 6.01
- A56–02–65 (R) 1967 | 6.18
- 56A–02–72 1976 | 6.31
- LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980 | 8.01 | 8.09
- HWY–K–01–78M (R) 1978 | 7.51
- A56–02–65 (R) 1967
- 56A–01–74 1976 | 8.98
- (56A–01–67 (R) 1967) | 9.00
- HWY–K–01–77M (R) 1977 | 9.35
- 56A–01–72 1976 | 9.36
- F–12(18) 1950 | 5.76
- F–12(18) 1950 | 5.98
- (F–12(15) 1948)
- F–12(18) 1950
- (F–12(14) 1945) | 8.01
- County | 8.12
- (F–12(14) 1945) | 8.65
- County
- F–12(18) 1950 | 9.72
- F–12(20) 1951

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

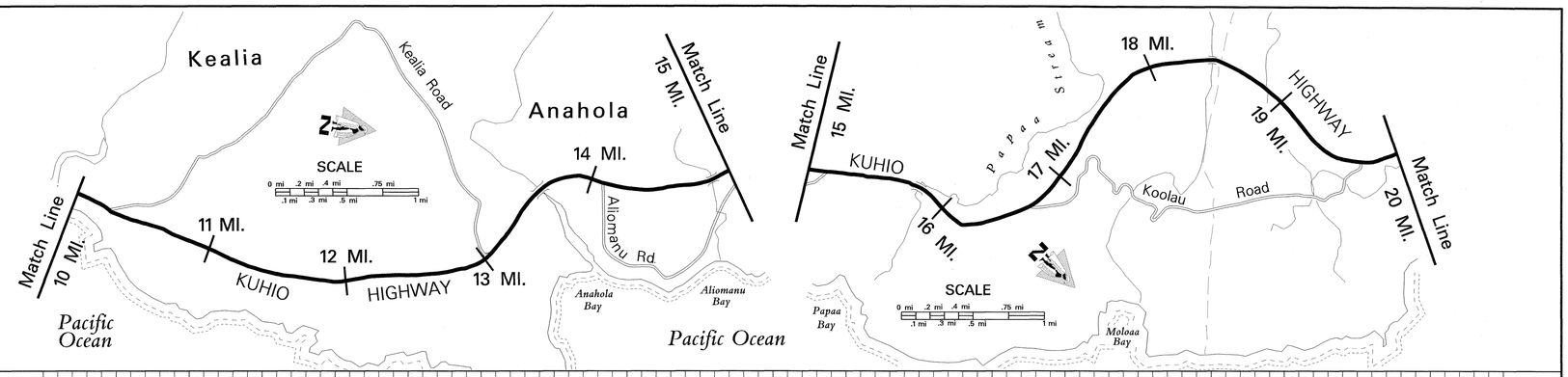
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

56 B (3.68 Mi.) — End 56B and Begin 56C on Kuhio Hwy. at the Centerline Intersection with Anahola Rd. — 56 C (9.82 Mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- RC Box Girder (STR) 1960: 214'
- RC RGD FM FL SL (STR) 1960: 20'
- RC Deck Girder (GTR) 1957: 68'
- Prestressed Conc. Girder (STR) 1965: 240'

Vertical Clearance
Horizontal Clearance
- 28' | 28' | 40' | 28'

Structure Over Road

Vertical Clearance
Horizontal Clearance
- (100') (80')

Right of Way Width (min.–max.) if varies: Varies 80' to 160'; Varies 80' to 260'.

Available Right of Way Width (Needs Study): Residential; Clear 1000' – Sugar Cane; Residential; Clear 1000' – Pineapple / Sugar Cane; Bushes and Trees

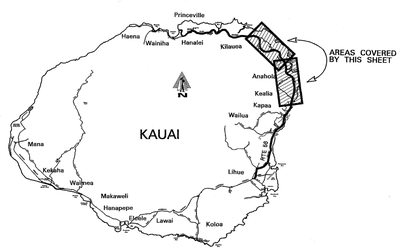
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.)
- C.L. (25' FEP); C.L. (15' FEP); C.L. (20' FEP); Wire on Wood 35' FEP; Wire on Wood 35' FEP

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

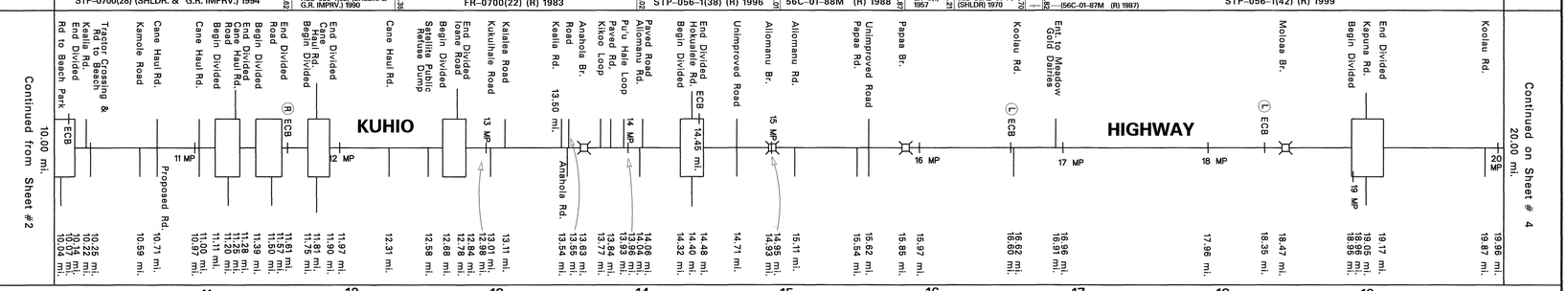
Project No., Type of Construction, and Year Constructed
- 56B-01-01M 2004 (R); 56 BC-01-99M, RESURF., 2000

Project No., Type of Construction, and Year Constructed
- STP-0700(28) (SHLDR. & G.R. IMPRV.) 1994; HES-056-1(32) (SHLDR. & G.R. IMPRV.) 1990; FR-0700(22) (R) 1983; STP-056-1(38) (R) 1996; 56C-01-88M (R) 1988; ER 5(1) 1957; 50D-56AB-01-70 (SHLDR) 1970; (56C-01-87M (R) 1987); STP-056-1(42) (R) 1999



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Median: Width and Type

Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2–12'; 2–11'; 2–12'; 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–10' accel. ln; 1–10'; 11' T.L.

(Right Side): 11' T.L.

Frontage Road: No. of Lanes, and Width (Right and Left): None

Sidewalk: Width and Type (Right and Left): None

Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete): 6' conc; Type 2 Conc. Gutter

Protective Devices: Type, Location and Number — M/M = Metal Rail on Metal Post. M/C = Meta Raill on Concrete Post. W/C = Wood Rail on Conc. Post.

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra Flow Lane

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (2); Flat (1); Rolling (2); Mountainous (3); Rolling (2) (Flat (1))

Speed: 1–Design, 2–Posted: 40 mph (1); 50 MPH (2); (45 MPH (2)); 35 MPH (2); 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: None

Traffic Station: B73 0056 00955; B73 0056 01278; B73 0056 01440; B73 0056 01554

HPMS Section

AADT (Year 2006): 16,100; 14,400; 12,400; 10,900

DOD Sections

Functional Classification: Minor Arterial (6)

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits
- (HWY-K-01-77M (R) 1977); DF-056-1(6) 1960; 56C-01-88M (R) 1988; 56C-01-87M (R) 1987
- 56B-01-89M (R) 1989; STP-056-1(34) Shldr. & Guardrails 1995; (LT-K-03-80M (R) 1980); 56C-01-87M (R) 1987
- (HWY-K-01-77M 1977); 56B-01-70(R) 1970; FR-0700(22) (R) 1983; 50D-56AB-01-70 (SHLDRS.) 1970
- (F-12(20) 1951); F-31(1) 1953; F-056-1(7) 1958; DF-056-1(6) 1958; ER-5(1) 1956; S-0560(2) UNIT 2 1963

SCALE: (In Miles) 2" = 1 mile

Date Released	
Nov. 2001	
Revised	
Aug 04	D.B.

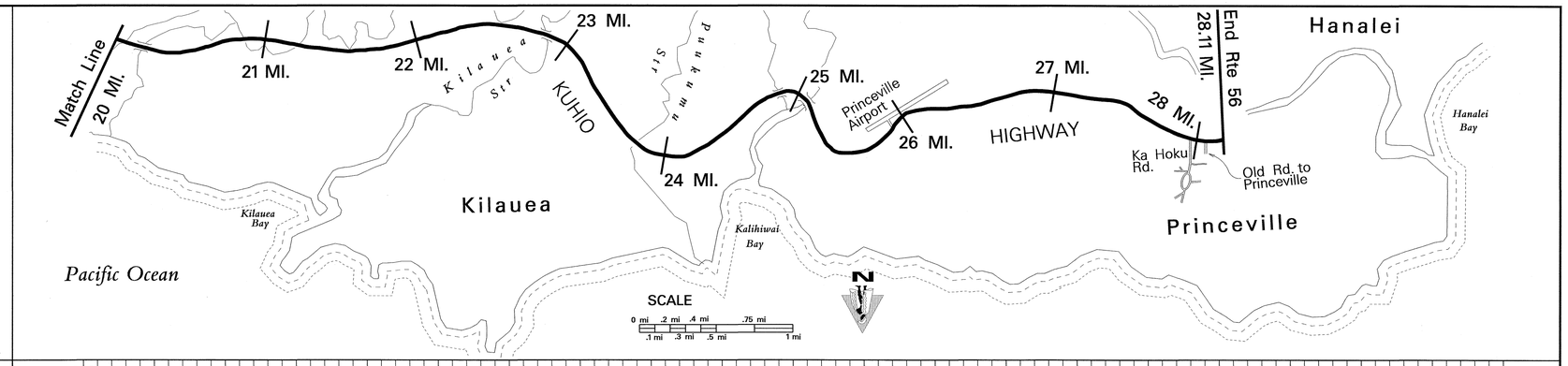
ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: 56C (9.82 MI.); End 56C – Begin 56D on Kuhio Hwy. at the Centerline Intersection with Kolo Rd. (23.36); 56D (4.75 MI.); End 56D Same as End Route

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PrSt. Conc. Gdr. 1967 HS20 39'; Prestressed Beam 1973 HS20 258'; RC Slab Br. 1963 (CHN) 50'; Prestressed Conc. 1963 (RW) 798'

Vertical Clearance: 20.29; 22.82; 24.92; 26.03

Horizontal Clearance: 36'; 40'; 34'; 28'

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: (80'–260'); 60'–500'; 100'–200'; (200'); 100'; (Varies 110'–160'); 100'; (Varies 175'–270'); (100'); Varies 160'–295'; (Varies 300'–360'); (Varies 160'–465'); 130'; 40'

Available Right of Way Width (Needs Study): (Bushes & Trees); Clear 1000' Sugar Cane; Residential; Trees; Grass & Small Trees

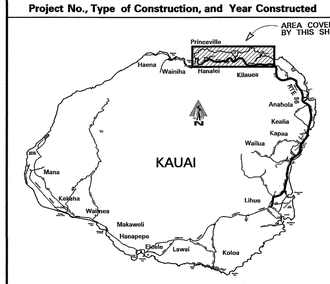
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't): Wire on Wood 35' FEP; Wire on Wood 35' FEP; Wire on Wood 10'–20' FEP; Wire on Wood 10'–20' FEP

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; (42+51); (15+65); (614+50); (600+50)

Project No., Type of Construction, and Year Constructed: (HWY–K–02–98, IMPRV. 2000); (HWY–K–01–07M, PAVEMENT MARKING, 2007)

Project No., Type of Construction, and Year Constructed: STP–056–1(42) (R) 1999; 56C–01–90M (R) 1990; STP–056–1(38) (R) 1996; 50D–01–92M (R) 1993; F–056–1(31) (New Alignment) 1993; LT–K–03–80M (R) 1980



Road Diagram
* MP = Milepost Signage

Continued from Sheet #3

Waikakua Br. (L) ECB; North Waikakua St.; Waikakua St.; Culvert Paved Rd.; Wailapa Rd. Begin Divided; End Divided; Culvert; Kahili Makai St.; Driveway; Culvert (L) ECB; Pill Rd.; Kilauea Br. Ho'okui Rd.; Kuawa Rd.; Kalihi Makai Rd. (L); Begin Divided; Telemetry Sta. 30G; End Divided; Kolo Rd. (R); Field Rd.; Tractor Crossing; Kalihiwai Rd.; Unimproved Road; End Divided; Kahili Holo Rd.; Begin Divided; ECB; Kalihiwai Br. Structure #4; Kalihiwai Br.; Begin Divided; Kalihiwai Rd.; End Divided; Anahi Vista Dr.; End Divided; Princeville Airport; Begin Divided; ECB; Hanalei Refuse; End Divided; Country Club Rd. (R); Begin Divided; Kapa'ka St.; Begin Divided; Old Rd. to Princeville (Ka Hoku Rd.); End Rte. 56 on Kuhio Highway at Route 56 and 560 (Same as Beg. Rte. 560) 28.11 mi.

KUHIO HIGHWAY

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided: Shoulder: Width and Type: 4' AC; 6' AC; 8' AC; 4' AC; 8' 10' AC; 4' AC; 8' AC

Pavement: Width and Type: 22' AC; 11' AC; 22' AC; 24' AC; 12' AC; 24' AC; 22' AC; 22' AC; 24' AC; 11' AC; 22' AC; 24' AC; 22' AC; 12' AC; 20' AC; 10' AC; 20' AC; 12' AC; 20' AC; 10' AC

Shoulder: Width and Type: 4' AC; 6'–12' AC; 0; 6'–12' AC; 16' AC; 6'–12' AC; 8' AC; 4'–8' AC; 0; 4'–8' AC; 0; 6' AC; 0; 6' AC; 0; 6' AC; 0; 2' AC; 0

Divided — Median: Width and Type: (6'–10' Painted AC); (0'–10' Painted AC); (0'–12' Painted AC); (0'–20' Painted AC); (0'–12' Painted AC); (0'–12' Painted AC); (6'–12' Raised Grass) (0'–6' Painted AC); (0'–6' Painted AC)

Shoulder: Width and Type: 0; 0; 0; 0; 0; 0; 0; 2' AC; 0

Pavement: Width and Type: 11' AC; 12' AC; 11' AC; 12' AC; 10' AC; (11' AC); (12' AC); 10' AC

Shoulder: Width and Type: 6'–12' AC; 20' AC; 8' AC; 4'–8' AC; 8' AC; 6' AC; 6' AC

Number of Traffic Lanes: 2–11'; 2–12'; 2–11'; 2–12'; 2–11'; 2–12'; 2–10'; (1–12'); (1–11'); (2–12'); 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' T.Ls; 10' T.Ls; 11' T.L.

(Right Side): 12' T.Ls; 12' T.Ls; 11' T.Ls; 12' T.Ls; 11' T.L.; 11' T.L.

Frontage Road: No. of Lanes, and Width (Right and Left): None

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): All 2' Conc. Gutters.

Protective Devices: Type, Location and Number (M/M = Metal Rails on Metal Posts): M/M

Illumination: Type, Location and Number: None

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra Flow Lane

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1); Mountainous (3); Flat (1); Rolling(2); Flat (1)

Speed: 1–Design, 2–Posted: 50 MPH (2); 40 MPH (2); 50 MPH (2); (45 MPH (2)); 35 MPH (2); 40 MPH (2); 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: None

Traffic Station: B73 0056 01554; B73 0056 02077; B73 0056 02336; B73 0056 02592

HPMS Section

AADT (Year 2006): 10,900; 12,300; 13,500; 13,000

DOD Sections

Functional Classification: Minor Arterial (6)

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits: 56C–01–90M (R) 1990; (56C–01–87M (R) 1987); (50D–56AB–01–70 1970); STP–056–1(38) 1998; (S–0560(2) U–2 1963); F–056–1(8) 1967; DP–RF–056–1(10) (New Alignment) 1973; HWY–K–01–77M (R) 1977; (ER–7(1) U–2 1963); HWY–K–01–77M (R) 1977; COUNTY; LT–K–03–80M 1980 (R)

SCALE: (In Miles) 2" = 1 mile

Date Released	
Nov. 2001	
Revised	
Aug 04	D.B.
Sept. 06	D.B.
Feb. 08	D.B.

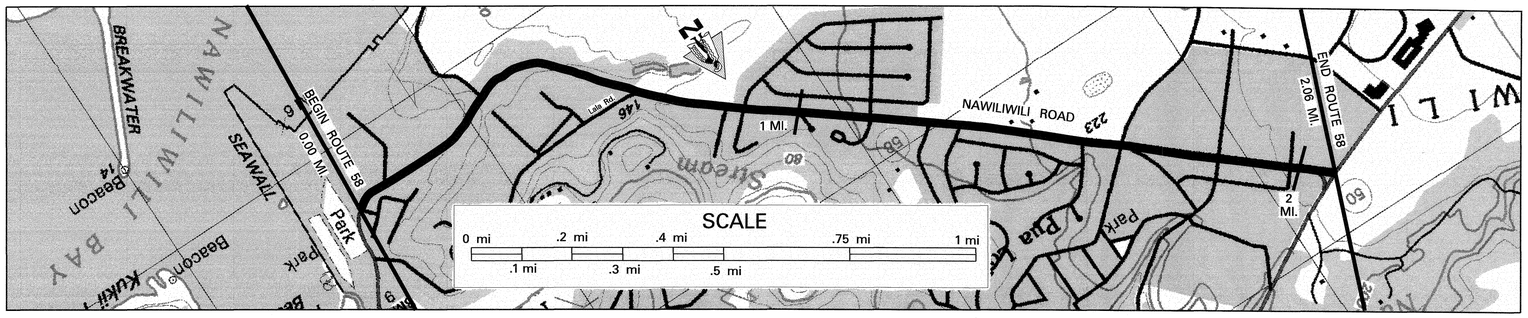
ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 2.06 miles
a. Survey Length: 2.06 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Beg. 58A on Nawiliwili Rd. at the centerline intersection with Wapa Rd. (Rte 51) — 58 A (2.06 mi.) — End 58 A same as end route.

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (0.00–0.14); 100' (0.14–0.16); 120' (0.16–0.20); 140' (0.20–0.25); 150' (0.25–0.32); 110' (0.32–0.42); 90' (0.42–0.51); 110' (0.51–0.58); 100' (0.58–0.64); 80' (0.64–1.67); 120' (1.67–2.06)

Available Right of Way Width (Needs Study): Residential / Commercial

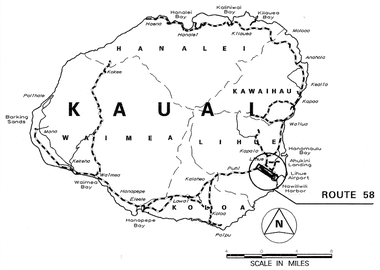
Right of Way Fence: Type – Right and Left: 6' Chainlink (1.71–1.98); 6' Chainlink (1.84–1.98)

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: NH–058–1(3), Resurface, 2002

Project No., Type of Construction, and Year Constructed: NH–051–1(10) Resurf., 2002 (0.00–0.16); STP–058–1(2), Realignment, 1993 (0.16–1.67); 58A–01–88M, Resurface, 1988 (1.67–1.99); F–058–1(1), 1991 (1.99–2.06)



Road Diagram

* MP = Milepost Signage

BEGIN RTE 58 ON NAWILIWILI ROAD AT THE CENTERLINE INTERSECTION OF WAAPA ROAD (RTE 51)

Wilcox Rd. & End Div. (0.00 mi.) — Niumalu Rd. (0.08 mi.) — End Measured Mile (0.34 mi.) — Lala Rd. (0.58 mi.) — Eleki Pl. (0.68 mi.) — Appapane St. (0.85 mi.) — Begin Divided (0.90 mi.) — Nokekula St. (L) Nokekula Cir. (R) (0.98 mi.) — End Divided (1.01 mi.) — Ahaehe St. (1.15 mi.) — Begin Divided (1.22 mi.) — Kanani St. (R) (1.32 mi.) — Halekeha Rd. (L) (1.42 mi.) — Pikake St. (1.57 mi.) — Rd. to Shopping Cntr. (L) Haleko Rd. (R) (1.64 mi.) — Kukui Grove St. (R) (1.84 mi.) — Rd. to Shopping Cntr. (L) (1.98 mi.) — END RTE 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALII HIGHWAY (RTE 50) (2.06 mi.)

NAWILIWILI ROAD; 1.56 mi.; MP 0, 1, 2

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 8' AC; 10' Dirt (0.15–0.15); 4' AC; 10' AC (1.69–1.97); 0
- Pavement: Width and Type: 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC (1.84–)
- Shoulder: Width and Type: 0; 10' Dirt (0.15–0.15); 4'–22' AC; 0; 4' AC; 0

Divided Highway
- Median: Width and Type: 10' Painted AC (0.08–1.01); 12' Painted AC (1.22–1.42); 0'–20' Paint (1.56–1.64); 0'–20' Raised Grass
- Shoulder: Width and Type: 0; 0; 0
- Pavement: Width and Type: 12' AC; 12' AC; 24' AC; 12' AC
- Shoulder: Width and Type: 8' AC; 4' AC; 10' AC (1.84–1.97); 0

Number of Traffic Lanes: 2–12' (0.08–0.15); 1–12' (1.56–1.84); 2–12' (1.84–1.97); 1–12' (1.97–2.06)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) All 12' T.Ls.: 10' (L) T.L. (0.08–0.15); (0.92–1.01); (1.15–1.27); (1.72–1.84); (1.98–2.06)

(Right Side) All 12' T.Ls.: (0.05–0.08); (1.05–1.20); (1.75–1.92); (1.98–2.06)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 4' Conc. (1.59–1.67); Concrete Curb (1.81–1.98)

Curb and/or Gutter: Type (Right and Left): 6' Concrete Gutter (0.29–0.34); (0.51–0.66); Concrete Curb (1.59–1.98)

Protective Devices: Type, Location and Number All Guardrails M/M: (0.11–0.13); (0.29–0.34); (0.51–0.66); (1.67–1.98)

Illumination: Type, Location and Number: None; 61 HPS (1.45–1.67; 1.77–1.84; 1.84–1.98)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urban

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (0.00–0.08); Rolling (0.08–0.71); Flat (1.82–2.06)

Speed: 1–Design, 2–Posted: 25 MPH (2) Not Posted (0.00–0.08); 35 MPH (0.08–0.42); 40 MPH (2); 35 MPH (2) (1.77–1.84); 35 MPH (2) (1.84–2.06)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (1.64–1.84); 3 Phase (1.84–2.06); 3 Phase

Traffic Station: (B73 0058 00000); B73 0058 00008; B73 0058 00157

HPMS Section

AADT (Year 2006): 12,229 (0.00–0.08); 13,797; 12,200 (1.57–2.06)

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (14)

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits

0.11 HWY–K–01–87 Improvements. 1987 (0.00–0.11)
0.68 58–01–71 (Reconstruction) 1971 (0.11–0.68)
S–254(1) 1954, 55 (0.68–2.12)
Sta. 1+32 — Sta. 112+52.87

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 2004,	D.B.
Revised	
Jan. 06	D.B.

ROAD INVENTORY

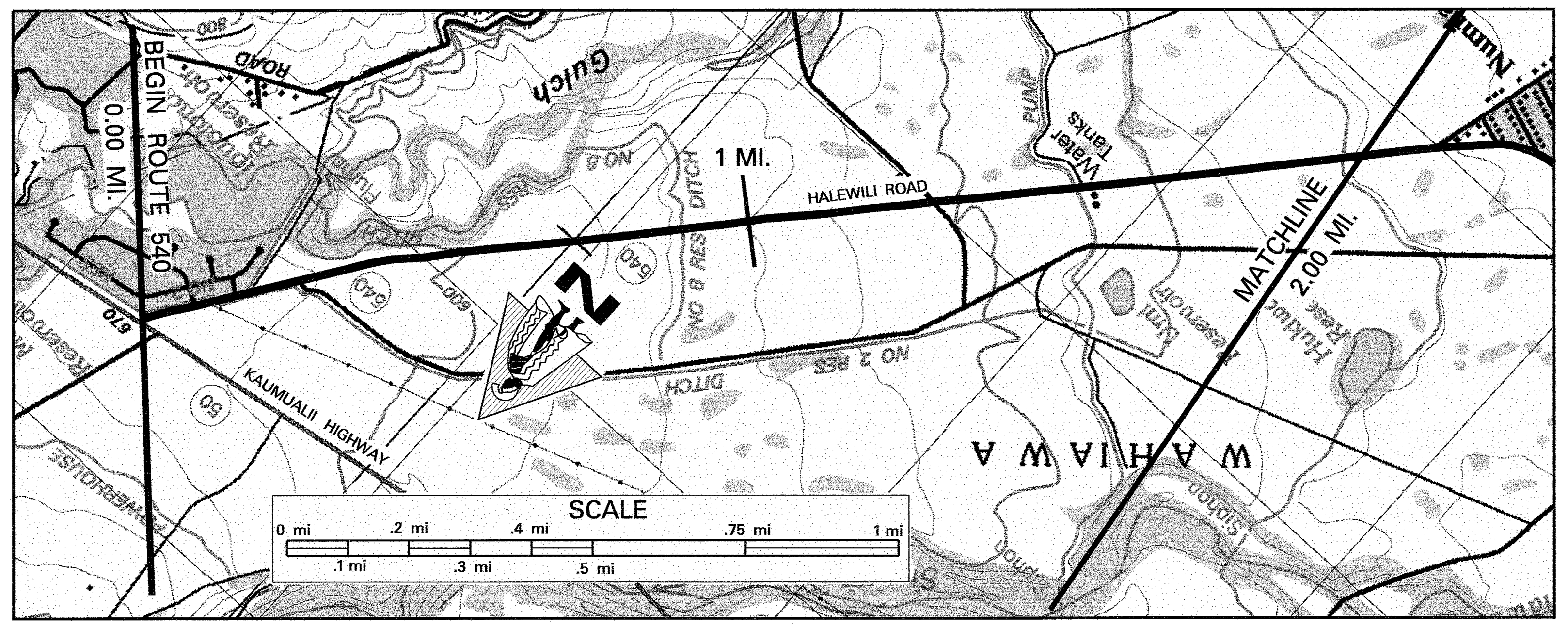
KAUAI RTE 540
HALEWILI ROAD

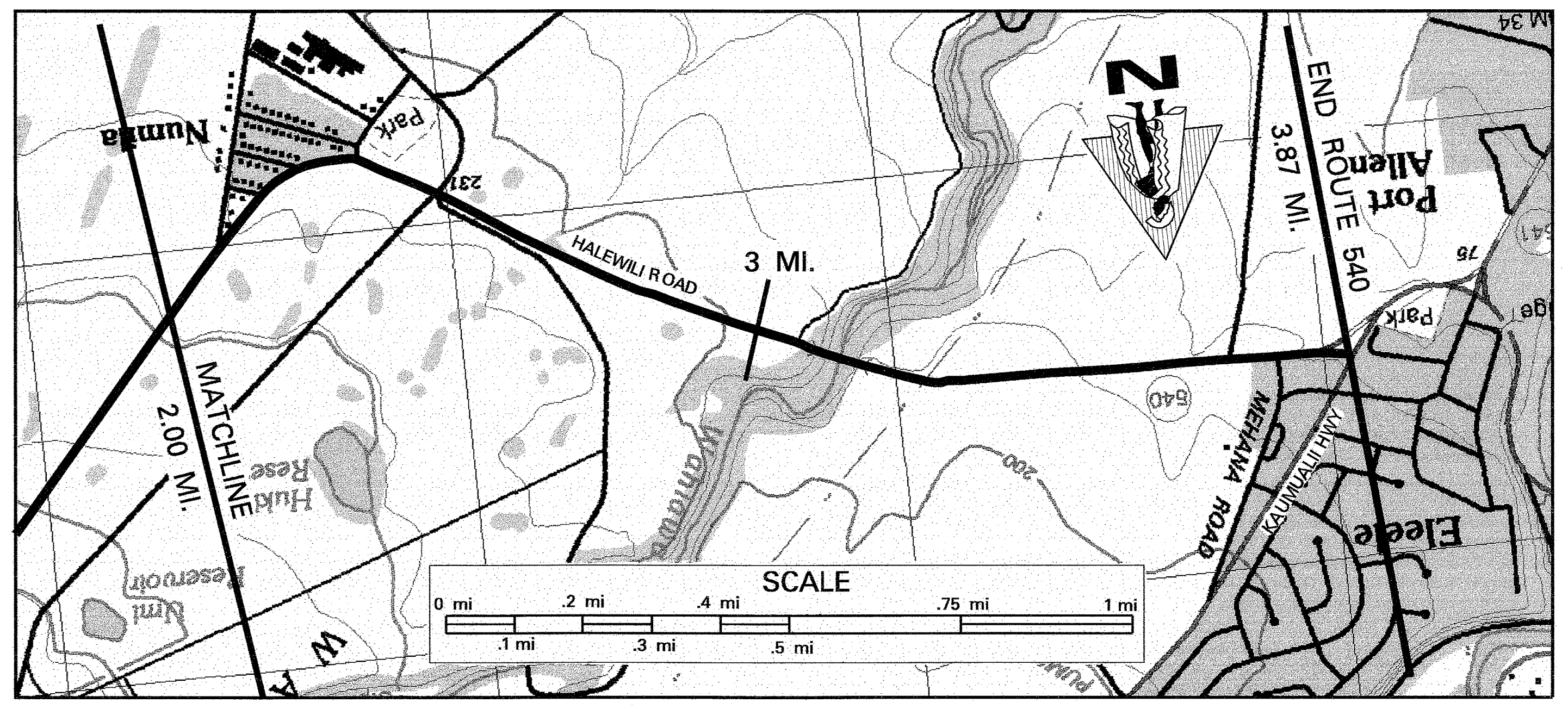
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

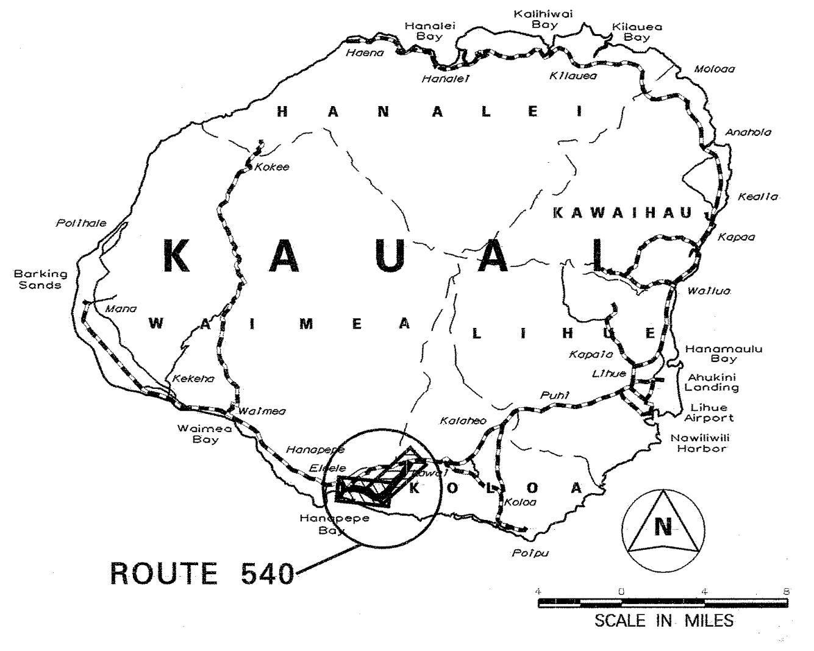
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 3.87 **miles**
a. Survey Length: 3.87 **miles**
b. Proposed Length: 0.00 **miles**
c. Other Length: * 0.00 **miles**
*



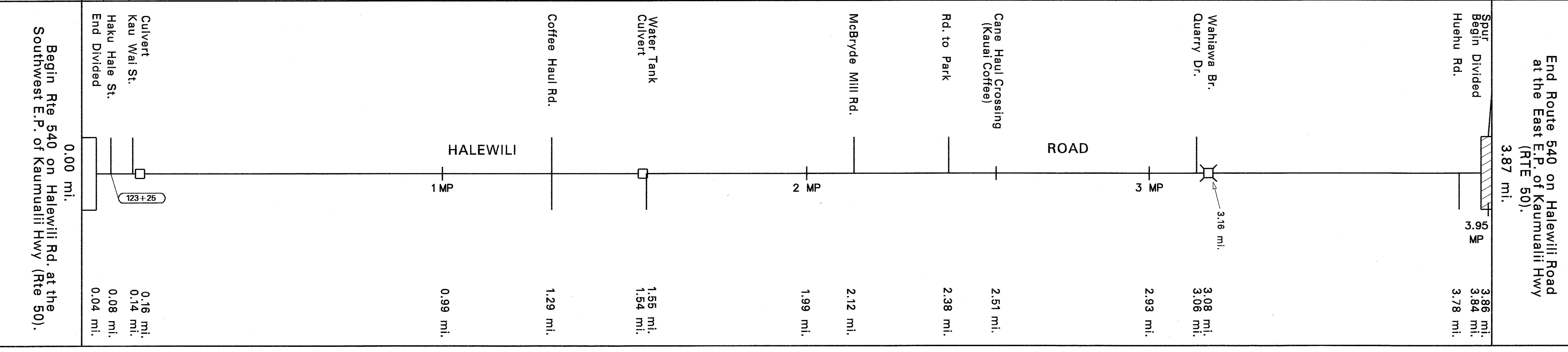


SCALE: (In Miles) 4" = 1 mile	0 – 1 – 2 – 3 – 4 – 5
Maintenance Control Sections : Length and Description	0.01 Begin 540A on Halewili Rd. 30' S.W. of centerline of Kaumualii Hwy. (Rte 50) 540 A (3.90 mi.) End 540A on Halewili Rd. 220' N.E. (Measured along the S.W. Spur) of the Centerline Intersection w/ Kaumualii Hwy 3.91
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed Beam 1950 (1974) H-20
Structure Carrying Road: Vertical Clearance	408'
Structure Carrying Road: Horizontal Clearance	48'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60' 1.02 65' 1.06 60' 2.47 80' 3.65 130' 3.69 65'
Available Right of Way Width (Needs Study)	Clear 1000' – Sugar Cane 20' from E.P. 2.14 Residential 2.43 Clear 1000' – Sugar Cane 20' from E.P.
Right of Way Fence: Type – Right and Left	None
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	126+15 72+10 State
Project No., Type of Construction, and Year Constructed	0.03 200+68 STP-0540(3), (R), 2007 1.05
Project No., Type of Construction, and Year Constructed	(STP-050-1(9) (Realignment), 1996) 0.06 0.13 (STP-0700-(35) SHLDR & GRD. RL. IMPROV. 1997) STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS (540A-01-02M 2004 RESURFACE) 3.71 12+00



▨ Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile	0 – 1 – 2 – 3 – 4 – 5
Undivided: Shoulder: Width and Type	6' AC 3.07 12' AC 3.22 6' AC
Undivided: Pavement: Width and Type	(12' AC) 24' AC 2.97 (12' AC)
Undivided: Shoulder: Width and Type	0 6' AC 2.86 12' AC 6' AC 12' AC 6' AC 0
Divided Highway: Median: Width and Type	(0'–12' Painted AC) 3.84 (0'–30' Grass (Flushed) w/ AC Fringe (No Shoulder) & AC Curb)
Divided Highway: Median Barriers:	
Divided Highway: Shoulder: Width and Type	0 0.04 0
Divided Highway: Pavement: Width and Type	(12' AC) (14' AC)
Divided Highway: Shoulder: Width and Type	(20' Grass) (10' Grass) 3.87
Number of Traffic Lanes	2–12' (1–12') (1–14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	2.86 2.97
Curb and/or Gutter: Type (Right and Left)	0.17 0.19 0.49 0.54 0.86 0.91 1.52 1.57 2.19 2.35 3.07 3.26 3.71
Protective Devices: Type, Location and Number — Metal Rails on Metal Posts	0.17 0.18 0.83 1.02 1.48 1.54 2.15 2.19 2.26 2.31 3.06 3.23 3.53 3.68
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling
Speed: 1–Design, 2–Posted	(Not Posted) 0.03 35 MPH (2) 35 MPH (2) 0.21 50 MPH (2) 2.05 35 MPH (2) 2.58 50 MPH (2) 3.52 45 MPH (1) 3.65 35 MPH (1) 3.78 (25 MPH (2))
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Station	B73 0540 00000
HPMS Section	1.99
AADT (Year 2006)	2,243
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (7)
National Highway System (NHS)	None
Previous Projects: Project No., Date and Limits	0.06 STP-0700-(35) (Shoulder and Guardrail Improvements), 1997 0.07 1.03 540A-01-02M 2004 RESURFACE (STP-050-1(9) (Realignment), 1996) HWY-K-01-91M (Resurface), 1991 3.11 3.18 HWY-K-01-91M (Resurface), 1991 540A-01-72 (Resurface), 1972 3.09 3.25 540A-01-72 (Resurface), 1972 FAS 5A(1), 1939 1.50 S-5(2), 1950 (RS-540(1), 1974) 3.95 Sta. 127+84.80 Sta. -1+55.07 Sta. 79+44.07 Sta. 0+55.15 (Spur – Port Allen Leg)
SCALE: (In Miles) 4" = 1 mile	0 – 1 – 2 – 3 – 4 – 5

Date Released	
Aug. 2004, DB	
Revised	
Sept. 06	*D.B.*
Feb. 08	*D.B.*

Sheet 1 of 1 KAUAI RTE 540

ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

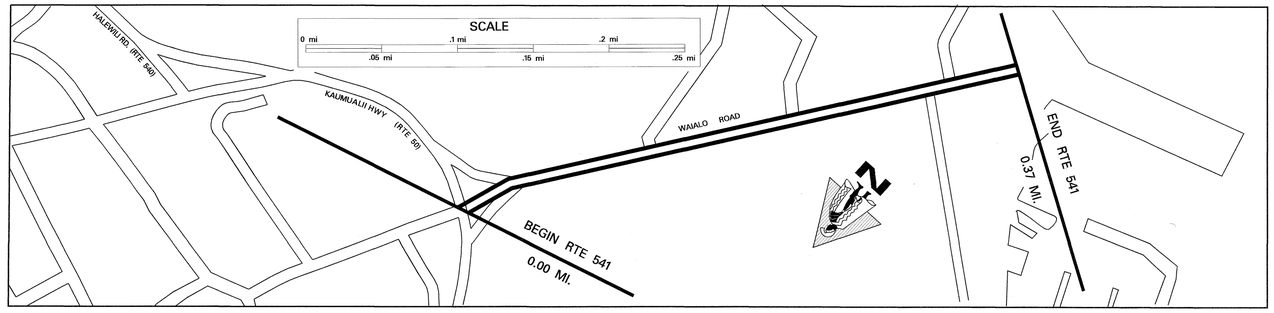
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 0.37 miles
- a. Survey Length: 0.37 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

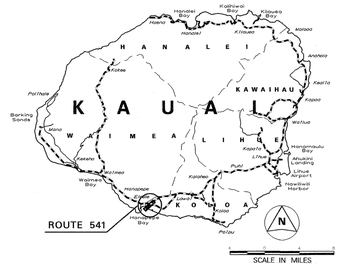
*



SCALE: (In Miles) 20" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

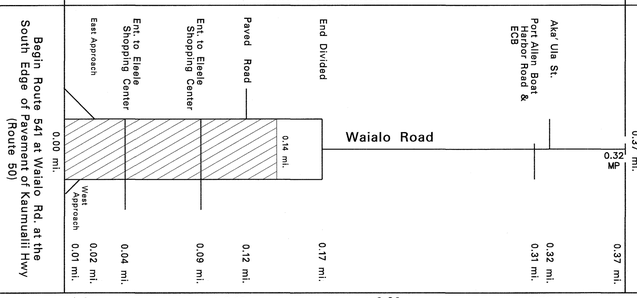
Maintenance Control Sections : Length and Description	Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. — 541 A (0.37 mi.) — End 541 A Same as End Route.
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure over Road: Vertical Clearance	
Structure over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	Varies 0.00 — R/W is 40' from Centerline of Approaches 100' 0.39 40'–100'
Available Right of Way Width (Needs Study)	Residential
Right of Way Fence: Type – Right and Left	None
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	
Project No., Type of Construction, and Year Constructed	541A–01–89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway – Undivided: Shoulder: Width and Type	5'–12' AC — 6'–8' AC
Divided Highway – Undivided: Pavement: Width and Type	18' AC — 22' AC — 36' AC
Divided Highway – Undivided: Shoulder: Width and Type	0 — 6' AC
Divided Highway: Median: Width and Type	2'–20' Raised Grass (0.03) — 8' Raised Grass (0.14) — 8' Paint (0.17)
Divided Highway: Shoulder: Width and Type	0
Divided Highway: Pavement: Width and Type	18' AC (0.04) — 22' AC
Divided Highway: Shoulder: Width and Type	0 (0.03) — 10' Dirt
Number of Traffic Lanes	1–18' — 2–11' — 4–11' — 1–12' — 1–14'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–18' — 11'
(Right Side)	11'
Frontage Road: No. of Lanes, and Width (Right and Left)	0.01
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	Conc. Curb on Median (L) & (R) (0.14)
Protective Devices: Type, Location and Number	None
Illumination: Type, Location and Number	None
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling
Speed: 1–Design, 2–Posted	Not Posted (0.06) — 35 MPH (2) (0.21) — Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Station	B73 0541 00000 — B73 0541 00004 — B73 0541 00017
HPMS Section	0.03 — 0.14 — 0.21
AADT (Year 2006)	11,537 (0.04) — 3,819 (0.17) — 5,900
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (7)
National Highway System (NHS)	None
Previous Projects: Project No., Date and Limits	FAP 12 J, 1939

SCALE: (In Miles) 20" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released
Sept. 2004, D.B.
Revised

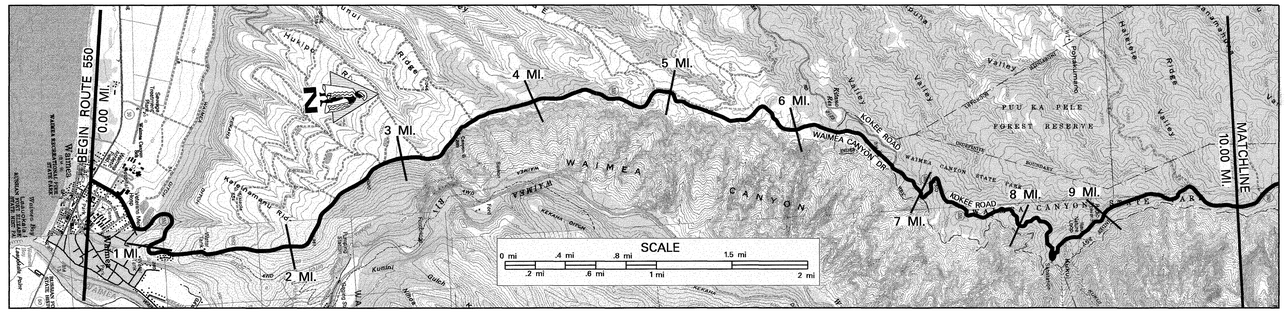
ROAD INVENTORY
KAUAI RTE 550
WAIMEA CANYON DRIVE & KOKEE RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 14.10 miles
a. Survey Length: 14.10 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



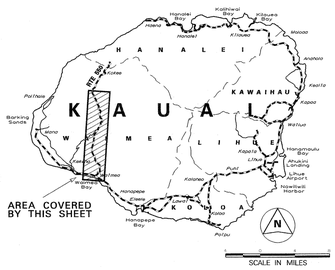
SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description
BEG 550 A ON WAIMEA CANYON DRIVE AT CENTERLINE WITH KAUMUALII HWY (RTE 50) — 550 A (6.73 MI.) — 6.73 — END 550A & BEG 550 B ON WAIMEA CANYON DR. 50' S.E. OF THE CENTERLINE INTERSECTION WIYH KOKEE RD. — 550 B (7.37 MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 40' — 1.19 — 80' — 4.16 — 40' — 6.78 — 80'
Available Right of Way Width (Needs Study): RESIDENTIAL — 0.87 — CLEAR 1000' BUSHES AND GRASS — 7.00 — TREES
Right of Way Fence: Type – Right and Left: NONE
Control of Access: 1–None, 2–Partial, 3–Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
Project No., Type of Construction, and Year Constructed: 4.98 — 550A-01-01M, (RESURF.) 2002 — 6.00
Project No., Type of Construction, and Year Constructed: 550A-01-95M (RESURF), 1996 — 2.75 — 350A-01-90M, RESURF, 1990 — 6.74 — 550B-01-92M, 1992 (R) — 8.62 — 550B-01-91M (RESURFACE) 1991



Road Diagram
* MP = Milepost Signage

BEGIN RTE 550 ON WAIMEA CANYON DR. AT THE INTERSECTION OF KAUMUALII HWY (RTE 50). 0.00 MI.

WAIMEA CANYON DRIVE — KOKEE ROAD

Milepost	Feature
0 MP	WAIMEA CANYON DRIVE / KAUMUALII HWY (RTE 50)
0.14 MI.	WAIMEA RD.
0.23 MI.	HUKAI RD.
0.23 MI.	WAIMEA HOSPITAL
0.28 MI.	BEGIN DIVIDED
0.40 MI.	MAULE RD.
0.44 MI.	END DIVIDED
0.61 MI.	CANE HAUL RD.
0.68 MI.	CULVERT
0.76 MI.	ROAD TO WATER TANK
1 MP	SUBDIVISION RD
0.99 MI.	PANINI PL.
1.18 MI.	ELEV. 500' WATER TANK
1.31 MI.	CULVERT
1.38 MI.	SENIC LOOKOUT
1.50 MI.	ECB (R)
2 MP	SENIC LOOKOUT
2.00 MI.	ELEV. 1000' SENIC LOOKOUT
2.31 MI.	SENIC LOOKOUT
2.22 MI.	
2.84 MI.	
3 MP	SENIC LOOKOUT
3.00 MI.	
3.23 MI.	
3.43 MI.	TRIG STATION "CANYON B"
3.38 MI.	SENIC LOOKOUT
3.65 MI.	PAVED LOOKOUT
4 MP	
4.02 MI.	
4.59 MI.	ELEV. 1500'
5 MP	
5.00 MI.	ECB
5.20 MI.	CANE HAUL RD.
5.33 MI.	
6 MP	
6.00 MI.	
6.74	KOKEE ROAD / WAIMEA CANYON DR. / RTE 550
6.75 MI.	ECB
6.74 MI.	KOKEE RD.
7 MP	
7.00 MI.	
7.53 MI.	RANGER STATION
7.71 MI.	"2800' ELEV." SIGN
8 MP	
8.00 MI.	
8.75 MI.	ROAD TO COMMUNICATION STATION
9 MP	
9.00 MI.	ECB
9.99 MI.	
10 MP	

CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' GRASS — 0.203 — 4'–6' GRAVEL — 1.02 — 6' GRAVEL — 5.97 — 2'–4' GRASS — 6.77 — 2'–6' DIRT — 9.25 — VARIES 2'–6' GRAVEL — 2'–6' GRASS
- Pavement: Width and Type: 20' AC — 10' AC — 20' AC — 6.74 — 18' AC — 20' AC
- Shoulder: Width and Type: 6' — 18' GRASS — 0 — 6' GRASS — 0.90 — 3' — 3.48 — 6' GRAVEL — 4.60 — 2' GRAVEL — 4.98 — 6' DIRT — 5.55 — 4' GRASS — 6.82 — 2'–6' GRASS — 7.09 — 4' — 7.65 — 6'–8' — 7.88 — 10' — 8.23 — 3' GRAVEL — 8.45 — 1a' DIRT — 0'–2' DIRT
- Median: Width and Type: 0.07 — 0.28 — 0.44 — (11' PAINTED AC) — 0.97
- Median Barriers:
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 10' AC
- Shoulder: Width and Type: 18' GRASS

Number of Traffic Lanes: 2–10' — 1.05 — 2–9' — 6.74 — 2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.34 — 0.49 — 0.44 — 0.46 — 0.56 — 0.66 — 11' TLs
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): None
Curb and/or Gutter: Type (Right and Left): None
Protective Devices: Type, Location and Number: ALL STEEL ON STEEL GUARDRAILS — 1.34 — 1.37 — 2.88 — 2.98 — 5.03 — 5.00 — 5.74 — 5.86 — 5.89 — WOODEN RAILS ON WOODEN POSTS — 9.26 — 9.34
Illumination: Type, Location and Number: 0.07 — MV — 0.66 — 0.80 — 1.02 — 1.09 — 1.24 — 1.34 — 1.37 — 1.48 — 1.70 — 1.82 — 1.93 — 2.02 — 2.15 — 2.21 — 2.40 — 2.89 — 3.44 — 3.48 — 3.39
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT — 0.88 — MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted: 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Station: B73 0550 00000 — B73 0550 00058 — B73 0550 00118 — B73 0550 00275 — B73 0550 00674 — B73 0550 00850
HPMS Section: 0.05 — 0.79 — 2.19 — 5.33 — 7.71
AADT (Year 2006): 2,445 — 0.88 — 964 — 1.18 — 964 — 2.75 — 715 — 6.74 — 1,273 — 8.50 — 1,355
DOD Sections
Census Tracts
Functional Classification: MAJOR COLLECTOR (7)
National Highway System (NHS): NONE
Previous Projects: Project No., Date and Limits
HYY-K-01-82M (R) 1982 — 1.02 — RS-0550(2) RESURFACE, SAFETY & IMPROV., 1982 — 3.48 — 6.74 — 550B-01-74, (RESURF), 1974 — 8.73 — 550-A-01-73, (R), 1973
HWY-K-01-70, 1970 (R) — 1.05 — LAND AND NATURAL RESOURCES (CONST. & MAINT. BY D.O.T.) 1963 — 6.67 — PHASE II — COUNTY

SCALE: (In Miles) 2" = 1 mile

Date Released	
Sept. 04, D.B.	
Revised	
Sept. 06	D.B.

ROAD INVENTORY
KAUAI RTE 550
KOKEE ROAD

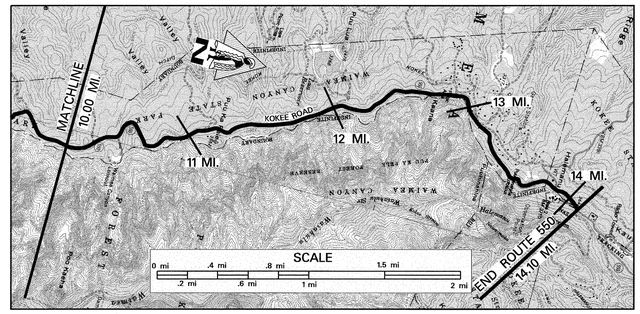
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

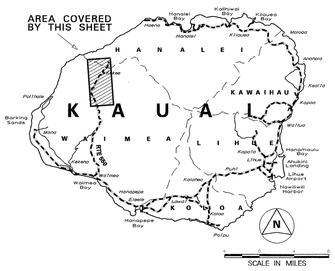
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 14.10 miles
- a. Survey Length: 14.10 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile	10 11 12 13 14 15 16 17 18 19 20
Maintenance Control Sections : Length and Description	550 B (7.37 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Vertical Clearance	
Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES – MOUNTAINS
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	
Project No., Type of Construction, and Year Constructed	550B–01–91M (RESURF.) 1991



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

10.00 MI.

WAIMEA CANYON RD. (SAUR) — ECB 10.36 mi. 10.34 mi.
DIRT ROAD DIRT ROAD — 11 MP — 11.00 MI. 11.11 MI. 11.12 MI.
CULVERT — 11.34 MI.
KOKEE ROAD — 12 MP — 12.00 MI.
RD. TO CAMP HALE KOA — ECB — 12.84 MI. 12.87 MI. 13.00 MI.
RD. TO KOKEE METHODIST CAMP — 13 MP — 13.13 MI.
ELEVATION 3500' PUU HINAHINA LOOKOUT — 13.66 MI. 13.67 MI.
MAKAHA ROAD — 14 MP — 13.90 MI. 14.00 MI. 14.09 MI.
ROAD TO PACIFIC MISSILE RANGE FACILITY – HAWAIIAN AREA
END RTE 550 ON KOKEE RD. AT THE ENTRANCE TO KOKEE STATE PARK ("END STATE HWY" SIGN). 14.10 MI.

SCALE: (In Miles) 2" = 1 mile	10 11 12 13 14 15 16 17 18 19 20
Divided Highway, Undivided: Shoulder: Width and Type	VARIES 2'–6' GRASS
Pavement: Width and Type	18' AC
Shoulder: Width and Type	0'–2' DIRT (10.36) 4'–6' GRASS (10.97) VARIES 2'–6' GRASS
Median: Width and Type	
Median Barriers:	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	
Number of Traffic Lanes	2–9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE
Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS	10.66–10.98; 11.87–11.95; 13.01–13.03
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	25 MPH (2); 12.91: NOT POSTED / 25 MPH
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Station	B73 0550 00850
HPMS Section	11.97
AADT (Year 2006)	1,355
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (7)
National Highway System (NHS)	NONE
Previous Projects: Project No., Date and Limits	550A–01–73 (R) 1973; 12.10 COUNTY; 550B –01–74 (R) 1974
SCALE: (In Miles) 2" = 1 mile	10 11 12 13 14 15 16 17 18 19 20

Date Released	
Sept 04,	D.B.
Revised	
Sept 06	D.B.

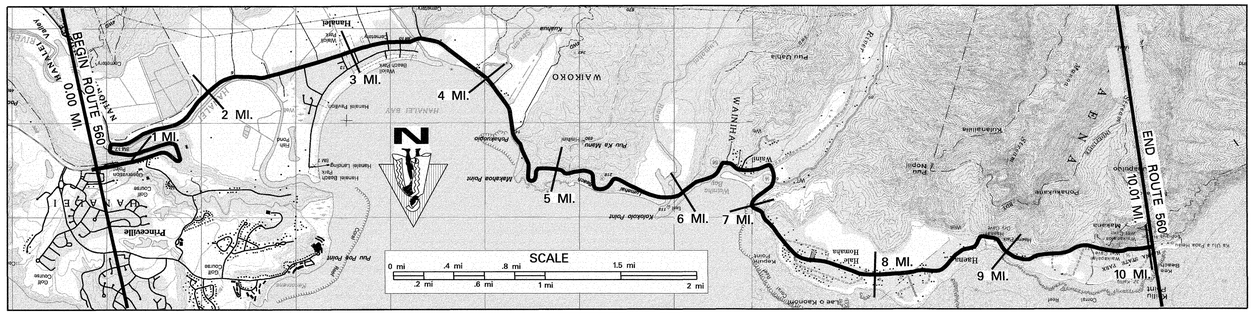
ROAD INVENTORY
KAUAI RTE 560
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 10.01 miles
a. Survey Length: 10.01 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: Begin 560 A same as Begin Route. | 560 A (10.01 mi.) | End 560 A same as End Route 560.

Structure Carrying Road

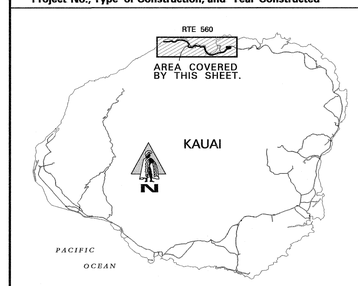
Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 113' | Steel Pratt Truss 1912 H-10
- 90' | R.C. Flat Slab 1912, H-15
- 188' | R.C. Flat Slab 1912, H-15
- 45' | R.C. Flat Slab 1913, H-10
- 538' | Cont. Concrete 1968 HS 20
- 42' | Steel Truss Deck 1969, H10
- 78' | 146' | Steel Truss Deck 1973, H15; Steel Truss Deck 1975, H15

Vertical Clearance: 1.09 | 3.39 | 3.91 | 4.21 | 5.88 | 6.40 | 6.70 | 6.88
Horizontal Clearance: 17' | 13' | 13' | 13' | 28' | 10' | 10' | 14'

Structure Over or Under Road

Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies: 40' | 5.78 | 80'–125' | 5.99 | 40'
Available Right of Way Width (Needs Study): Grass and Small Trees | 2.32 | Residential | 3.82 | Trees and Brush | 5.87 | 6.35 | Residential with Trees and Bushes
Right of Way Fence: Type – Right and Left (Footage indicates how far away from the edge of pavement the fence is.): Wire 10' 1.89–2.18; Wood 8' 3.00–3.17; Chain Link 6' 3.11–3.40; Wire 15'–25' 3.81–5.78; Wire 50' 6.73–6.99; Wire 6' 6.99–7.44; Chain Link 6' 7.41–7.67; Wire 6' 7.85–8.14; Wire 10' 8.09–8.32; Wire 10' 8.24–8.50; Wire 8' 8.63–8.83; Wire 6' 8.83–9.47
Control of Access: 1–None, 2–Partial, 3–Full: None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
Project No., Type of Construction, and Year Constructed: 0.01 | 560A-03-99, SHLDR. IMPRV. 2005 | 10.01
Project No., Type of Construction, and Year Constructed: 560A-02-96M, 1997 | 2.34 | 560A-01-96M, 1997 | 6.02 | 560A-01-00M, (Resurf.) 2000 | 7.92 | (56D-02-70 1970) 8.58 | 56D-01-85M, (Resurf.) 1985 8.50 | 560A-01-86M (R) 1986



Road Diagram
* MP = Milepost Signage

BEGIN RTE 560 ON KUHIO HIGHWAY AT ROUTE MARKERS 56 & 560 (SAME AS END ROUTE 56).

0.00 mi. / 0.00 MI. — Hanalei Lookout Rd. to Shop. Ctr. — Hanalei Plantation Rd. — End Divided Begin Divided — 1 MP — Hanalei River Br. ECB (R) — Culvert — Culvert — Culvert — Culvert — Culvert — 2 MP — Culvert — Culvert — Hanalei Museum Rd. — Hanalei End Divided Begin Divided — Aku Road — Driveway — 3 MP — Mahimahi Rd. — Malolo Rd. — Kumu Road — Waioli Bridge — Aku Road — Driveway — Waipa Bridge — 4 MP — Waikoko Bridge ECB (R) — KUHIO HIGHWAY — 5 MP — ECB (R) — Lumahai Bridge ECB (L) — 6 MP — Ananalu Road — Wainiha Bridge #1 — Wainiha Br. #2 — Wainiha Br. #3 — Ala Eke Road — Wainiha Br. ECB (R) — 7 MP — Alamihi Road — Alamihi Rd. Anuenue Place Anuenue Road Culvert #1 — Alealea Rd. — 8 MP — Haena Pl. — Culvert #2 — 9 MP — Wet Cave Ford Crossing ECB (R) — Culvert — Limahuli Stream Crossing — Haena State Park Boundry — Parking Area — Wet Cave — 10 MP — END RTE 560 ON KUHIO HIGHWAY AT THE END OF THE PAVED HIGHWAY SECTION. ECB and End Route 10.01 mi.

Divided Highway

Undivided
- Shoulder: Width and Type: 2' AC/6' Grs. | 1'–2' AC | 4'–6' AC | 2' AC | 4' Grs. | 0 | 6' Grs. | 8' Grs. | 2' Grass | 4' Grass | 0'–2' Grass | 0'–2' AC
- Pavement: Width and Type: 20' AC (10' AC) | 20' AC | 20' AC | 10' AC (2' AC) | 20' AC | 20' AC | 18' AC | 20' AC | 24' AC (4' PCC) | 20' AC | 18' AC
- Shoulder: Width and Type: 2' AC/6' Grass | 1' AC | 1' AC/6' Grass | 2'AC/6' Grass | 2' AC | 0 | 1½' AC/8' Grs. | 0 | 0 | 8' Grs. | 0'–1' AC | 4' PCC | 0 | 2'–4' Grs. | 0 | 6'–8' Grass | 0'–2' AC

Divided Highway
- Median: Width and Type: (0'–8' Paint) | (0'–10' Painted AC) | (2' AC/10' Grs.)
- Median Barriers:
- Shoulder: Width and Type: (0') | 0 | 0
- Pavement: Width and Type: (10' AC) | 10' AC | (10' AC)
- Shoulder: Width and Type: (1' AC) | 2' AC | (2' AC/10' Grass)

SCALE: (In Miles) 2" = 1 mile

Number of Traffic Lanes: 2–10' | (2–9') | 2–10' | 2–9' | 2–10' | 2–12' | 2–10' | 2–9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 8' T.L.s | 10' T.L.s
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): (Conc. Gutter) | 4' Sidewalk | (Conc. Barrier) | (Conc. Gutter)
Curb and/or Gutter: Type (Right and Left): (Conc. Gutter) | (Conc. Curb) (2' Conc. Curb & Gutter) | (Wood) | (Conc. Gutter)
Protective Devices: Type, Location and Number (All Metal on Metal unless otherwise noted.): 14 M.V. | 5 M.V. (Wood on Concrete)
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Mountainous | Flat | Mountainous | Flat | Mountainous | Flat | Mountainous | Flat | Mountainous Rolling
Speed: 1–Design, 2–Posted: 35 MPH (2) | 25 MPH (2) | 25 MPH (2) | 35 MPH (2) | 25 MPH (2) | 35 MPH (2) | 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Station: B73 0560 00000 | B73 0560 00038 | B73 0560 00122 | B73 0560 00261 | B73 0560 00391 | B73 0560 00609 | B73 0560 00680 | B73 0560 00877
HPMS Station: 0.37 | 1.15 | 1.49 | 3.21
AADT (Year 2006): 2,399 | 788 | 8,493 | 6,200 | 5,500 | 5,500 | 3,900 | 2,500

DOD Sections
Census Tracts
Functional Classification: Major Collector (7)
National Highway System (NHS): None
Previous Projects: Project No., Date and Limits
- 560A-02-96M, 1997
- 560A-01-90M, 1990
- (LT-K-03-80M (R) 1980)
- (56D-01-80, 1980 (Safety Improv. & Resurf.))
- HWY-K-01-82M, 1982 (R)
- LT-K-03-80M 1980 (R)
- 56D-02-70 1970 County
- (S-0560(1), 1965)
- (56D-02-70 1970)
- (S-0560(1) 1965)
- FR-0700(22) 1988 (Resurf.)
- (FR-0700(22) 1983 (R))
- 56D-01-85M, (Resurf.) 1985
- 56D-02-70 1970
- (56D-02-70 1970)

SCALE: (In Miles) 2" = 1 mile

Date Released
Dec 2003, D.B.
Revised
Jan. 06 D.B.
Sept. 06 D.B.

ROAD INVENTORY

KAUAI RTE 570
AHUKINI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

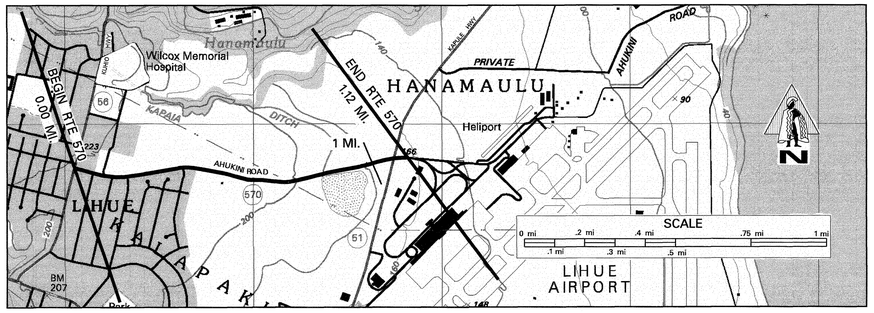
Total Route Length: 1.12 miles

a. Survey Length: 1.12 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 570 A ON AHUKINI RD. 30' S.E. OF CENTER-LINE INTERSECTION / KUHIO HWY. — 570 A (1.12 MI.) — END 570 A – SAME AS END RTE 570

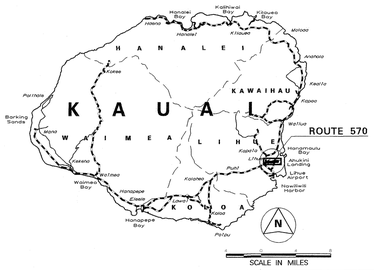
Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies	120'
Available Right of Way Width (Needs Study)	RESIDENTIAL (0.48) CLEAR 1000' – SUGAR CANE
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	(0.12) HWY-K-02-68 IMPRV., 2000 (0.28)
Project No., Type of Construction, and Year Constructed	570A-01-92M (R), 1993 (0.91) F-051-1(7), 1988



Road Diagram

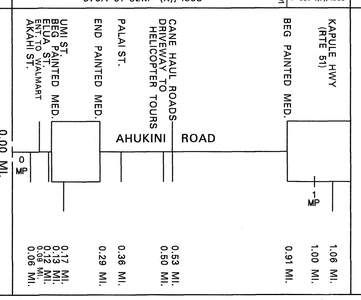
* MP = Milepost Signage

BEGIN RTE 570 ON AHUKINI RD. AT THE S.E. EDGE OF PAV'T. OF KUHIO HIGHWAY (RTE 56).

0.00 MI.

END RTE 570 ON AHUKINI ROAD 300' FROM THE HELEPONO LOOP WITH KAPULE HWY. (RTE 51) (SAME AS "END STATE HIGHWAY" SIGN)

1.12 MI.



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 6' GRAVEL — 8' AC
- Pavement: Width and Type: 24' AC — 12' AC — 24' AC — 12' AC
- Shoulder: Width and Type: 0 — 0 — 6' GRAVEL — 0

Divided Highway

- Median: Width and Type: (0.13) 12' PAINTED AC (0.29) (0.19) 12' PAINTED AC
- Median Barriers:
- Shoulder: Width and Type: 0 — 0
- Pavement: Width and Type: 12' AC — 12' AC
- Shoulder: Width and Type: 2' AC (0.13) (4' AC/6' GRASS) — 8' AC

Number of Traffic Lanes	2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(0.17) (0.24) 12' (L) T.L. — (0.97) 12' (L) 12' 12' AC T.L.
(Right Side)	(0.98) 12' (1.06)
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	4' CONC. (0.13)
Curb and/or Gutter: Type (Right and Left)	(CONC. CURB W/ 2' CONC. GUTTER)
Protective Devices: Type, Location and Number	NONE
Illumination: Type, Location and Number	MV
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBAN
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1) (0.88)
Speed: 1–Design, 2–Posted	35 MPH (2) — NOT POSTED 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	(0.91) 3 PHASE (1.06)
Traffic Station	B73 0570 00000 — B73 0570 00017 — (B73 0570 00106)
HPMS Section	
AADT (Year 2006)	9,300 (0.17) 13,622 (1.06) (10,600)
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL (14)
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	S-0570 (1), 1964

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, D.B.	
Revised	

ROAD INVENTORY

KAUAI RTE 580
KUAMOO ROAD

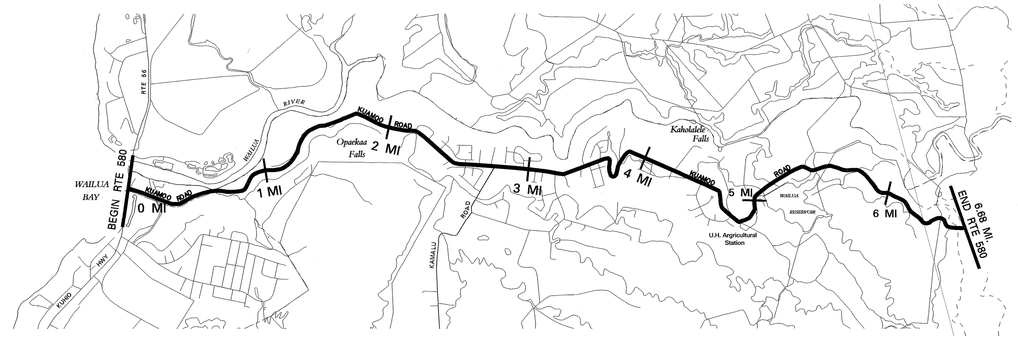
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 6.68 MILES (a+b)
- a. Existing Length: 6.68 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 6.68 MILES (a+b, less c)
- a. Existing Length: 6.68 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: BEGIN 580A ON KUAMOO RD. 25' N.W. OF THE CENTER LINE INTERSECTION OF KUHIO HWY. (RTE 56) — 580 A (6.68 MI.) — END 580A SAME AS END RTE 580

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1936 H15 | 53' | 24'

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.-max.) if varies: VARIES 40'-46'

Available Right of Way Width (Needs Study): 40' | 40' | 28' | 23' | 80' | 40'-60'

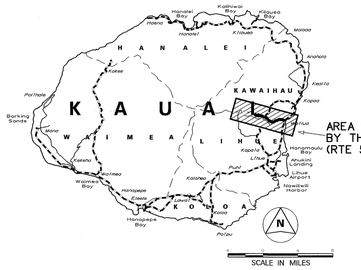
Right of Way Fence: Type - Right and Left: W/W 20'FEP | WOOD | WIRE ON WOOD | 15'FEP | W/W

Control of Access: 1-None, 2-Partial, 3-Full

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (143+00) (47+00)

Project No. and Type of Construction: 580A-01-06M, (R) 2007 | 580A-01-01, (R) 2002

Year Project Constructed: STP-0700(38), 1998 | 580A-01-88M (R) 1988 | 580A-01-99M, (R) 2000



Road Diagram
- MP=Milepost Signage

BEGIN RTE 580 ON KUAMOO ROAD AT THE W. EDGE OF PAVEMENT OF KUHIO HWY. (RTE 56) — 0.00 MI.

KUAMOO ROAD — 1 MP, 2 MP, 3 MP, 4 MP, 5 MP, 6 MP

WAILUA RIVER STATE PARK EXIT (0.13 MI.); WAILUA RIVER STATE PARK (0.19 MI.); CULVERT (SKEW) (0.07 MI.); WAILUA ROAD (0.08 MI.); OPAEKAA BRIDGE (0.62 MI.); STATE PARK ROADS (0.99 MI.); EXITS FROM SCENIC LOOKOUT (1.29 MI.); ENTRANCES TO SCENIC LOOKOUT (1.34 MI.); KAMOA HAWAIIAN VILLAGE (1.40 MI.); EOG (1.53 MI.); OHELO ROAD (1.71 MI.); LIHA PLACE (1.79 MI.); MELIA STREET (1.99 MI.); MALA STREET (2.13 MI.); LANI ALII PLACE (2.28 MI.); KAMALU RD (RTE 581) (2.36 MI.); POKUKALA STREET (2.58 MI.); LAUONE ROAD (2.70 MI.); OPAEKAA ROAD (2.77 MI.); PAAKO STREET (2.96 MI.); HE STREET (3.18 MI.); LIHAU STREET (3.41 MI.); HAWAIIANA STREET (3.49 MI.); WAKOLIA STREET (3.98 MI.); KAHOLALELE ROAD (4.07 MI.); ANA PONO STREET (4.23 MI.); ANA PONO STREET (4.42 MI.); U.H. AGR. STATION (R) (4.81 MI.); PAVED ROAD (5.02 MI.); CULVERT (5.18 MI.); CULVERT (5.60 MI.); TRACTOR CROSSING (5.80 MI.); "END OF IMPROVED HWY" SIGN (5.84 MI.); TRACTOR CROSSING (6.02 MI.); KULAU RIDGE TRAIL (6.46 MI.); FOREST RESERVE SIGN (6.61 MI.) — 6.68 MI.

END RTE 580 ON KUAMOO ROAD AT THE BEG OF FORD CROSSING.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 4' AC | 4' - 6' AC | 6' - 12' GRS | 2' - 4' GRS

Divided Highway — Undivided — Pavement: Width and Type: 22' AC | 20' AC | 18' AC | 16' AC | 14' AC

Divided Highway — Undivided — Shoulder: Width and Type: 4' AC | 6' AC | 4' AC | 4' - 6' AC | 6' - 12' GRS | 2' - 4' GRS

Divided Highway — Median: Width and Type

Divided Highway — Shoulder: Width and Type

Divided Highway — Pavement: Width and Type

Divided Highway — Shoulder: Width and Type

Number of Traffic Lanes: 2 - 11' | 2 - 10' | 2 - 9' | 2 - 8' | 2 - 7'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side): NONE

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): NONE

Curb and/or Gutter: Type (Right and Left): 2' AC GUTTER

Protective Devices: Type, Location and Number — ALL METAL ON METAL GUARDRAILS: ROCK WALL

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT | MOUNTAINOUS | ROLLING

Speed: 1-Design, 2-Posted: 35 MPH (2) | 35 MPH (2) NOT POSTED | 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B73 0580 00000 | B73 0580 00163 | B73 0580 00277 | B73 0580 00391 | B73 0580 00483

HPMS Section

AADT (Year 2006): 12,000 | 10,322 | 3,600 | 2,300 | 2,300

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (7)

National Highway System (NHS): NONE

Previous Projects: Project No., Date and Limits
- 580A-01-93M, (RESURFACE) 1994
- RS-0850(2), (RESURFACE AND IMPROVEMENTS), 1980 | 580A-01-88M(R), 1988 | COUNTY, MAINTAINED BY STATE
- 580A-01-70(R), 1971
- A-580-01-64 PHASE 2 1964 | A-580-01-64 PHASE L 1965 | WRDC-15(1), 1947 | COUNTY

SCALE: (In Miles) 2" = 1 mile

Date Released	
March 95	
Revised	
Pd Jam	3-95
Pd Jam	6-95
JK	4-96
JK	5-97
DR	2-08

Sheet 1 of 1 KAUAI RTE 580

ROAD INVENTORY
KAUAI RTE 583
MAALO ROAD

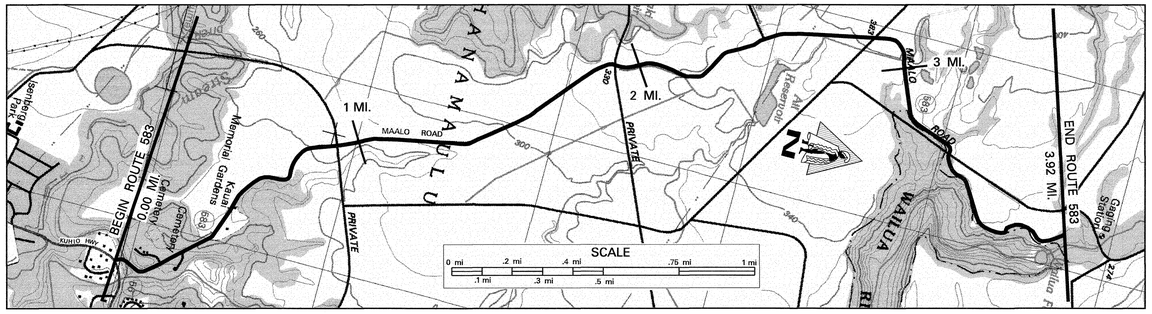
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 3.92 miles
- a. Survey Length: 3.92 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	BEGIN 583A – ON MAALO ROAD 18' N.W. OF KUHIO HIGHWAY (RTE 56). 583A (3.92 MI.) END 583A – SAME AS ROUTE END 3.92
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	CLR 1000' SUGAR CANE 20' FROM EDGE OF PAVEMENT
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE (159+75) (209+10)
Project No., Type of Construction, and Year Constructed	(583A-01-71, 1971) 2.97 583A-01-01M, RESURFACE, 2005 3.92
Project No., Type of Construction, and Year Constructed	0.01 583-01-95M (RESURFACE) 1996 1.98 HWY-K-01-70, 1970 2.31 583A-01-71, 1971

Road Diagram
* MP = Milepost Signage

BEGIN RTE 583 ON MAALO RD. AT THE NORTHWEST EDGE OF PAV'T OF KUHIO HWY. (RTE 56) 0.00 mi.

Mile	Feature
0.03 Mi.	BRIDGE (1927)
0.05 Mi.	ROAD (L)
0.15 Mi.	RD TO CEMETERY
0.25 Mi.	
0.48 Mi.	KAUAI MEMORIAL GARDENS ROAD
0.68 Mi.	CULVERT
0.82 Mi.	CULVERT
0.92 Mi.	QUARRY ROAD (L) CANE HAUL RD. (R)
1.02 Mi.	CULVERT
1.10 Mi.	
1.39 Mi.	ECB (L)
1.82 Mi.	CULVERT
1.92 Mi.	DIRT ROAD
1.99 Mi.	
2.25 Mi.	CANE HAUL ROAD
2.45 Mi.	CANE HAUL ROAD
2.57 Mi.	CULVERT
2.82 Mi.	PAVED ROAD
2.90 Mi.	
2.97 Mi.	CULVERT
3.31 Mi.	HWY OVERPASS CULVERT
3.33 Mi.	
3.45 Mi.	CULVERT
3.80 Mi.	CULVERT ECB (R)
3.84 Mi.	END OF PAV'T
3.92 Mi.	

MAALO ROAD (MP 0, MP 1, MP 2, MP 3)

END RTE 583 ON MAALO RD. AT THE END OF PAVEMENT. 3.92 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	GRASS 2' (0.10) 6' (0.48) 2'–4' (1.90) 6' (2.28) 0' (2.28) 4' (3.03) 8' (3.13) 4'–6' (3.82) 4' (3.79) 2'
Divided Highway – Undivided: Pavement: Width and Type	20' AC (1.98) 10'–15' AC (2.97) 17'–20' AC
Divided Highway – Undivided: Shoulder: Width and Type	GRASS 2'–4' (0.10) 6'–8' (0.98) 4'–6' (2.24) 3' (2.34) 6' (2.84) 2'–4' (3.16) 8' (3.43) 6'
Divided Highway: Median: Width and Type	
Divided Highway: Median Barriers:	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2–10' (1.98) 2–(5'–7.5') (2.97) 2–(8.5'–10')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	PARKING APRONS (R) (3.63) (3.68) (3.90) (3.91)
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	ALL METAL ON METAL UNLESS OTHERWISE NOTED (3.30) (3.38) (3.40) (3.45) (3.50) (3.62) (3.79) (3.80) (3.84) (3.89) (3.93) (STEEL RAILING ON CONCRETE WALL)
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBAN (0.92) RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING
Speed: 1–Design, 2–Posted	25 MPH (2) (3.25) NOT POSTED 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Station	B73 0583 00000 B73 0583 00092 B73 0583 00198 B73 0583 00331
HPMS Section	
AADT (Year 2006)	900 (0.92) 900 (1.98) 1,000 (3.37) 1,000
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (17) (0.92) MAJOR COLLECTOR (7)
National Highway System (NHS)	NONE
Previous Projects: Project No., Date and Limits	PHASE II 583A-01-71, 1971 (0.50) HWY-K-01-70 (PHASE II), 1970 (2.30) 583A-01-71, 1971

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	D.B.
Revised	
Jan. 06	D.B.

ROAD INVENTORY

KAUAI RTE 5600
TEMPORARY KAPAA BY-PASS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

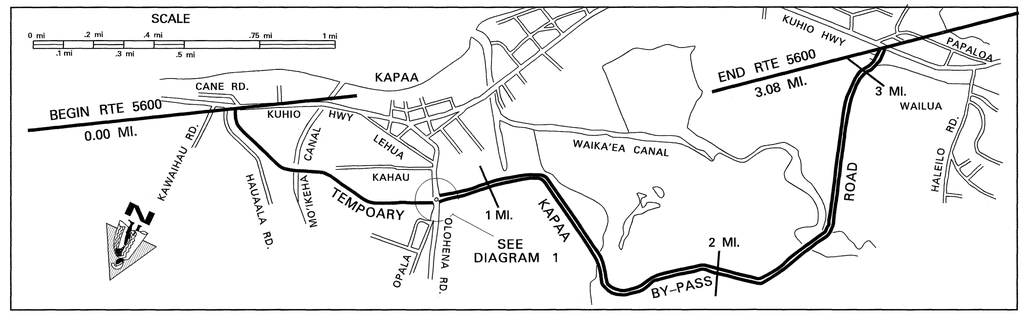
Total Route Length: 3.08 miles

a. Survey Length: 3.08 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: ACROW PANEL TRUSS, HL-93, 2006; 94'; 0.28

Vertical Clearance

Horizontal Clearance: 16'- 4"

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.77–0.80), 100' (0.81–0.91), 60' (0.91–1.01), 120' (1.01–1.48), 100' (1.48–1.56), 60' (1.56–1.73), 100' (1.73–1.89), 60'

Available Right of Way Width (Needs Study)

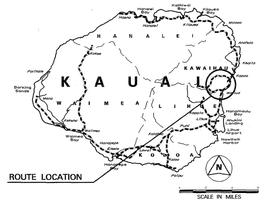
Right of Way Fence: Type - Right and Left: 6' CHAINLINK FENCE 25'-30' FROM E.P. (0.06–0.75); WIRE 35'-40' FROM E.P. (0.12–0.75)

Control of Access: 1-None, 2-Partial, 3-Full: PARTIAL

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: 56A-03-00, NEW CONSTRUCTION, 2007 (40+79.03 – (-)2+79.56, 0.83)

Project No., Type of Construction, and Year Constructed: 56A-02-95 (123+00 – 0+00, 0.76)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

0.00 mi. BEGIN KAPAA BY-PASS ROAD AT THE NORTH WEST E.P. WITH KUHIO HIGHWAY (RTE 56).

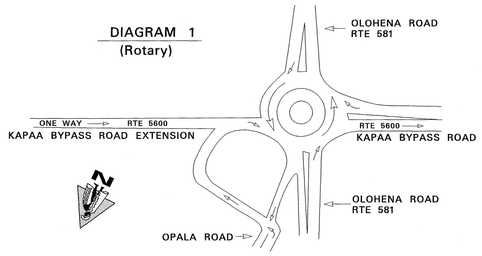
MO'IKEHA CANAL BRIDGE (0.29 MI.); SIPHON (AG. DITCH) END DIVIDED OLOHENA RD. BEGIN DIVIDED (0.83 MI.); SIPHON (AG. DITCH) (0.79 MI.); SIPHON (AG. DITCH) (0.76 MI.); SIPHON (AG. DITCH) (0.75 MI.); SIPHON (AG. DITCH) (1.92 MI.); SIPHON (AG. DITCH) (2.09 MI.); 1 MP; CULVERT (2.37 MI.); SIPHON (AG. DITCH) (2.54 MI.); GATE (OPEN 5:30 AM - 7:00 PM) (2.99 MI.)

TEMPORARY KAPAA BY-PASS ROAD

KAPAA BY-PASS ROAD EXT. — ONE WAY (IN SERVICE FEB. 07)

SEE DIAGRAM 1 (Rotary)

END KAPAA BY-PASS ROAD AT THE NORTH E.P. OF KUHIO HWY (RTE 56). 3.08 MI.



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 2' AC (0.22); 2'-6"-2'-8" AC (0.36); 2' AC (0.58–1.48); 2' AC (2.39–3.08)

Pavement: Width and Type: 11' AC (ONE WAY (-) DIRECTION) (0.58–1.48); 22' AC (1.48–2.39)

Shoulder: Width and Type: 5' AC (0.22); 2'-6"-2'-8" AC (0.36); 5' AC (0.58–1.48); 2' AC (1.48–2.39)

Median: Width and Type: (100' CONC. ROUNDABOUT) (0.75–0.79)

Shoulder: Width and Type: (0)

Pavement: Width and Type: (15' AC)

Shoulder: Width and Type: (0)

Number of Traffic Lanes: 1-11' (0.58–0.77); 2-11' (0.77–2.39)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side): (2-15') (0.77–0.79)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number: ALL METAL RAILS ON METAL POSTS (0.19–0.37; 0.87–0.94; 1.00–1.13; 1.46–1.50; 1.56–1.71; 1.80–1.84; 1.86–1.93; 1.94–2.03; 2.10–2.11; 2.37–2.39; 2.47–2.65; 2.76–2.83; 2.88)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBAN (0.58–1.08); RURAL (1.08–2.20); URBAN (2.20–3.08)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (0.58–0.77); ROLLING (0.77–3.08)

Speed: 1-Design, 2-Posted: 25 MPH (2) (0.58–0.76); (15 MPH (2)) (0.76–0.77); 35 MPH (2) (0.77–0.92); 25 MPH (2) (0.92–1.37); 35 MPH (2) (1.37–1.75); 25 MPH (2) (1.75–2.39); 35 MPH (2) (2.39–2.95); (NOT POSTED) (2.39–2.95); (25 MPH (2)) (2.95–3.08)

Intersection Control Devices: Type, Location and Cycle Timing: (25 MPH (2)) (0.76–0.77)

Traffic Station: B73 5600 00000

HPMS Section

AADT (Year 2006): 100

DOD Sections

Census Tracts

Functional Classification: LOCAL ROAD

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2006, D.B.
Revised
Sept. 06 D.B.
Dec. 07 D.B.